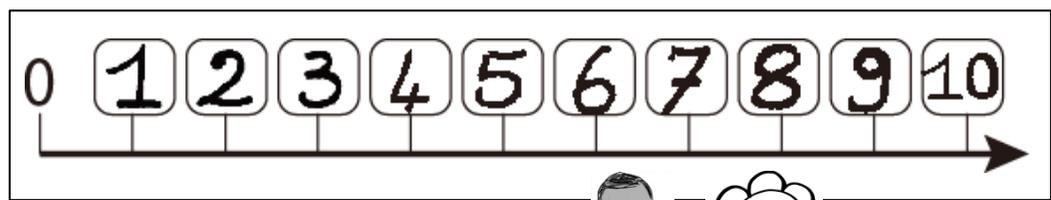
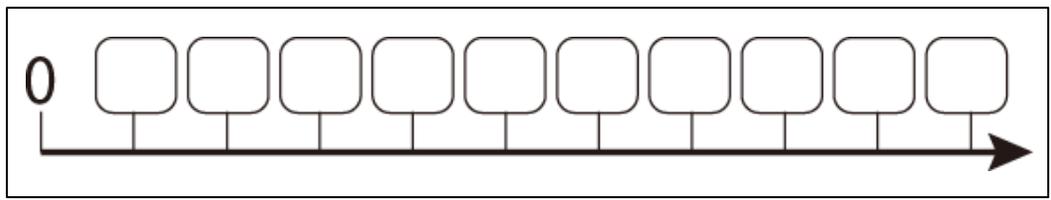




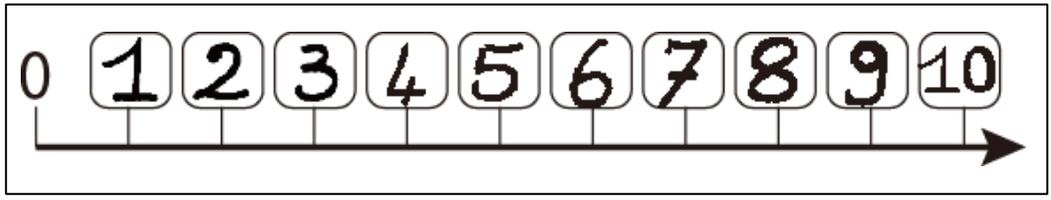
Let's write numbers from 1 to 10.



Good!



We write numbers in order on a line.  
We call this a "number line".



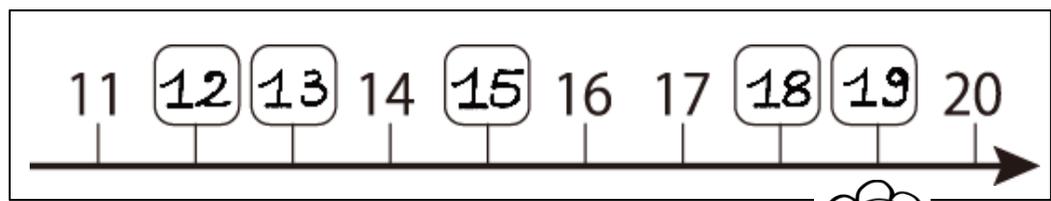
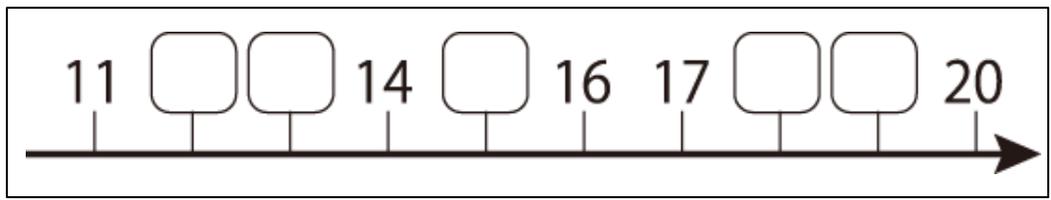
The number is becoming bigger by 1.



Bigger number sits on the right side. 4 is on the right side of 3. So, it is bigger than 0, 1, 2, 3.



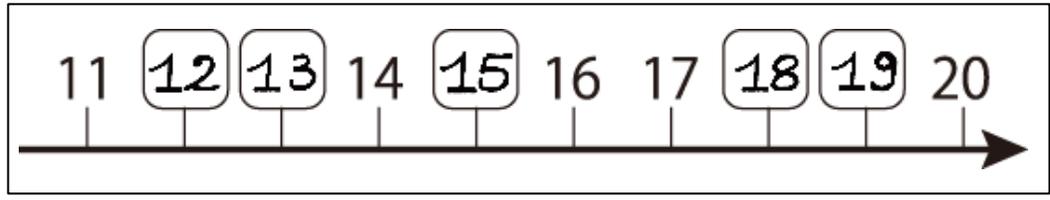
Fill in the missing numbers.



Some number lines start from the middle of the number like 11.



We can find out that 17 is bigger than 14 by 3 using the number line.



15 is bigger than 13 by 2.



16 is smaller than 19 by 3.



Let's draw a number line.  
Write number line start from 0 to 10.

1) Draw a long arrow.



2) Draw vertical lines on the left end and next to it with a small space. The length between the two lines is one unit.



3) Write 0 and 1 on the two lines.



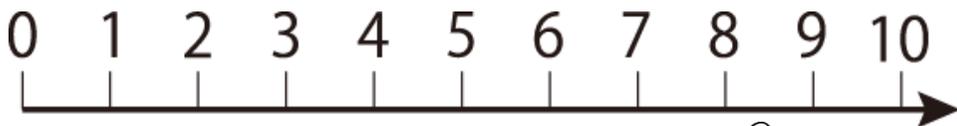
4) Draw 9 vertical lines on the right of 1. The length between the vertical lines must be the same.



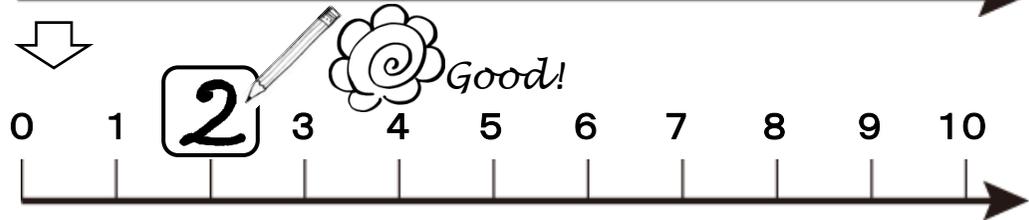
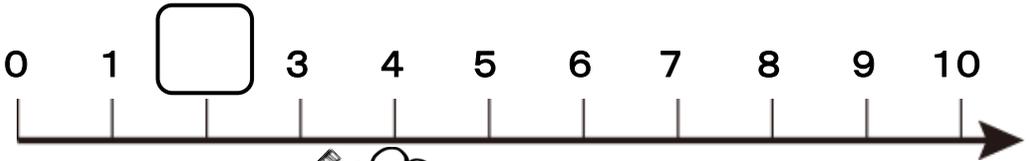
5) Write 2, 3, 4 on the vertical lines. The numbers on the right is bigger than the numbers on the left.



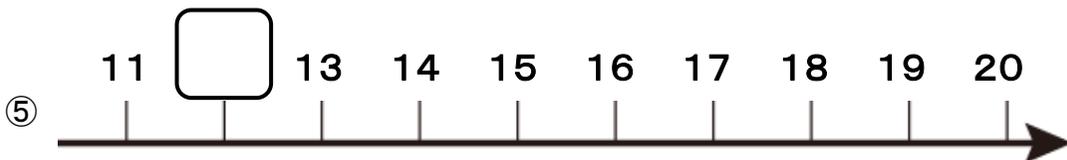
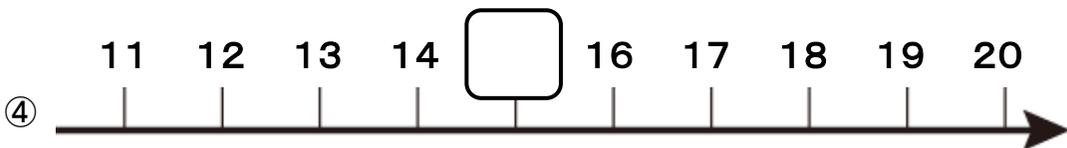
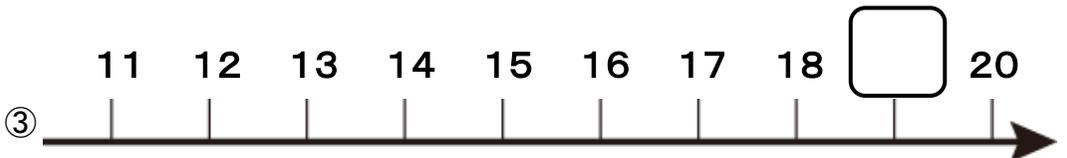
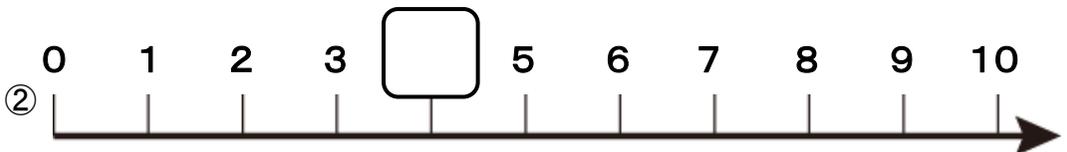
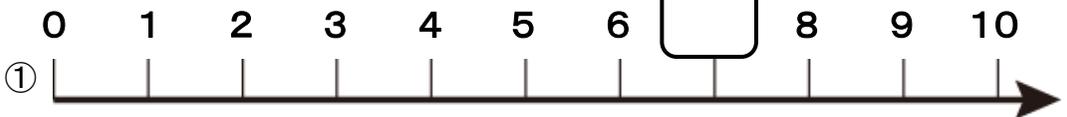
6) Next, write 5, 6, 7, 8, 9, 10, and a number line is ready.



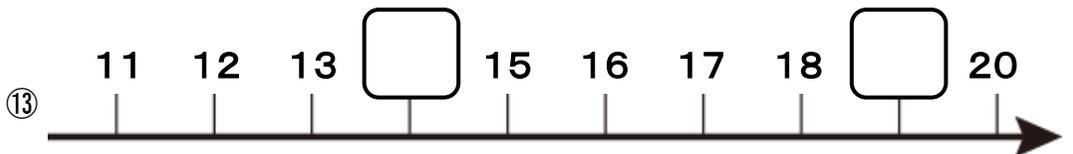
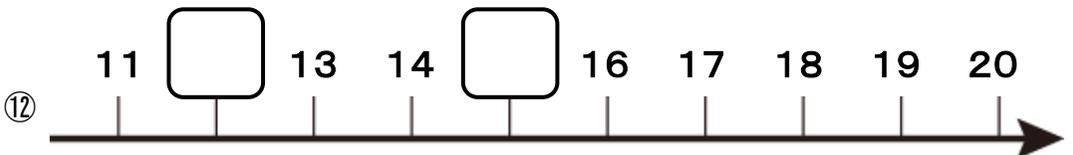
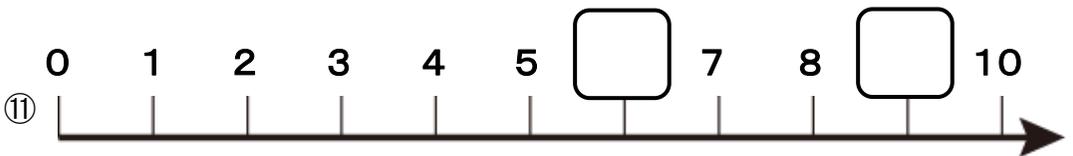
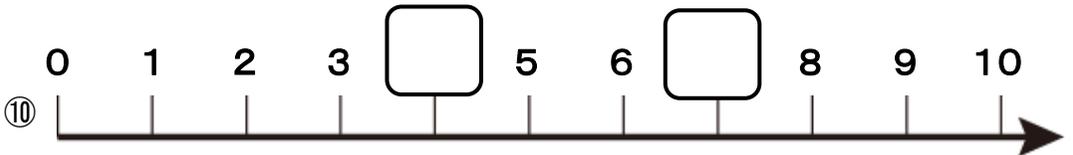
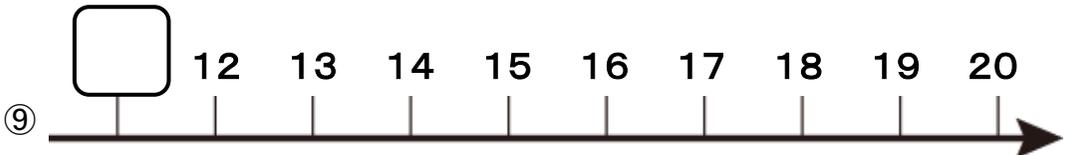
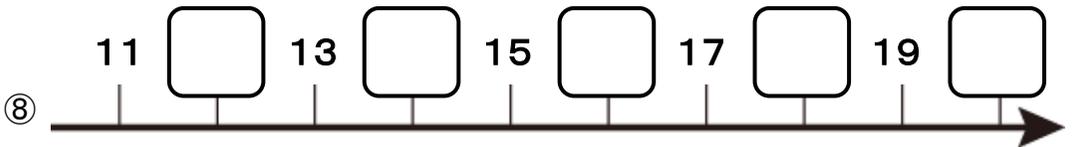
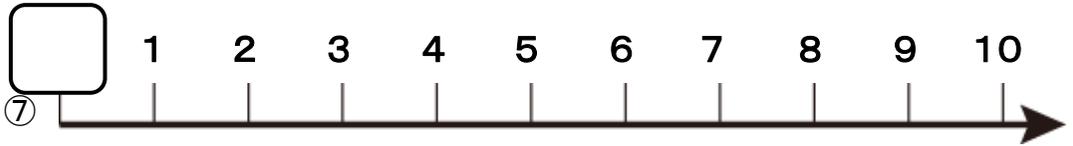
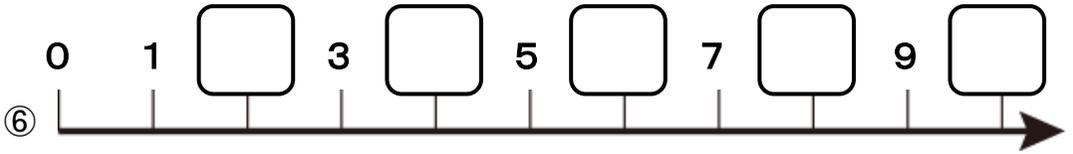
Example Write a correct number in .



Exercise Write a correct number in .



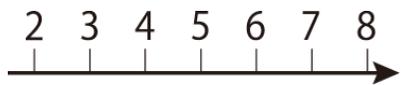
## Exercise

Write a correct number in .

**Example**

Write a correct number in  . If you don't know the answer, think it using number line.

1)  is 2 more than 5.



1)  is 2 more than 5.



*Good!*

**Exercise**

Write a correct number in  . If you don't know the answer, think it using number line.

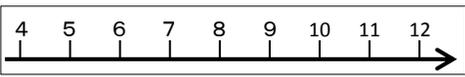
1)  is 5 more than 3.



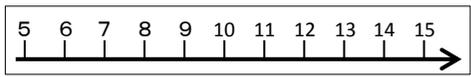
2)  is 2 more than 7.



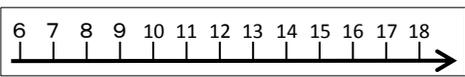
3)  is 3 more than 8.



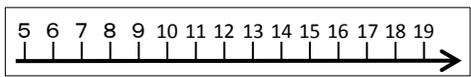
4)  is 4 more than 10.



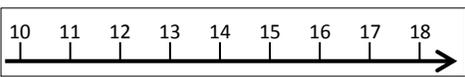
5)  is 5 more than 12.



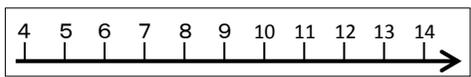
6)  is 6 more than 11.



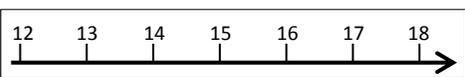
7)  is 3 more than 14.



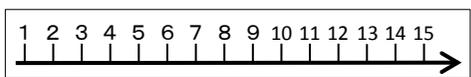
8)  is 4 more than 9.



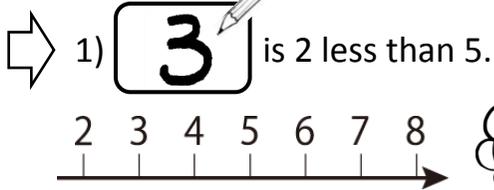
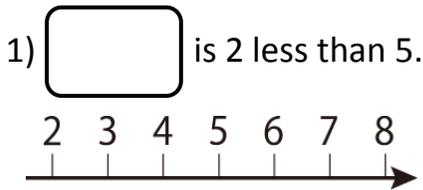
9)  is 2 more than 15.



10)  is 6 more than 8.



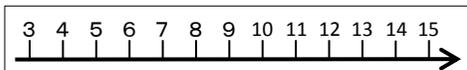
**Example** Write the answer in the . If you don't know the answer, think it using number line.



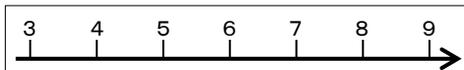
*Good!*

**Exercise** Write the answer in the . If you don't know the answer, think it using number line.

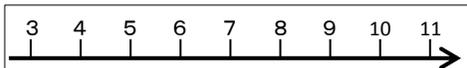
1)  is 5 less than 9.



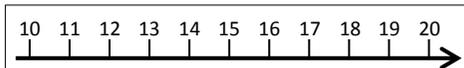
2)  is 2 less than 6.



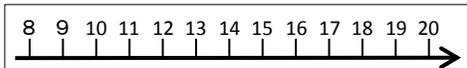
3)  is 3 less than 7.



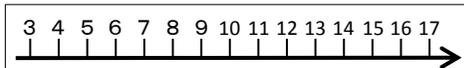
4)  is 4 less than 15.



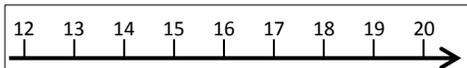
5)  is 5 less than 14.



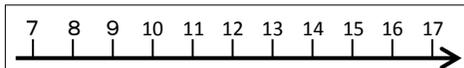
6)  is 6 less than 10.



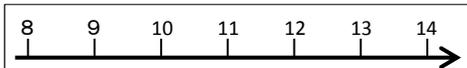
7)  is 3 less than 16.



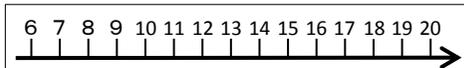
8)  is 4 less than 12.



9)  is 2 less than 11.



10)  is 6 less than 13.

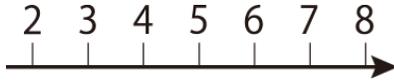


**Example** Write the answer in the . If you don't know the answer, think it using number line.

1) 7 is  more than 3.



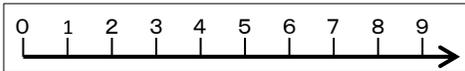
1) 7 is  more than 3.



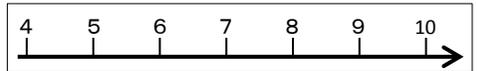
*Good!*

**Exercise** Write the answer in the . If you don't know the answer, think it using number line.

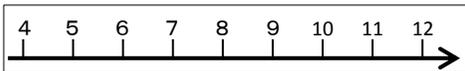
1) 9 is  more than 5.



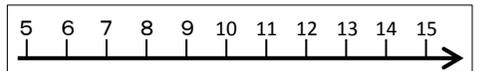
2) 8 is  more than 6.



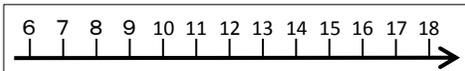
3) 10 is  more than 8.



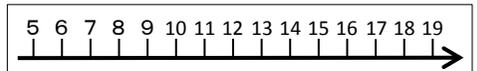
4) 14 is  more than 11.



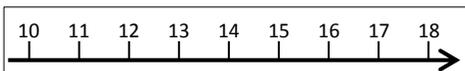
5) 16 is  more than 12.



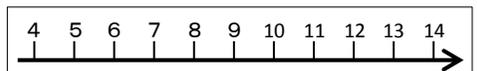
6) 19 is  more than 13.



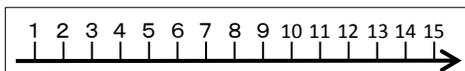
7) 15 is  more than 10.



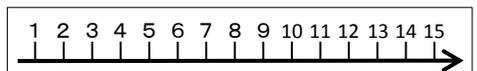
8) 11 is  more than 7.



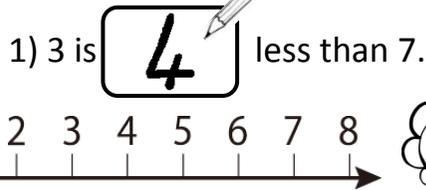
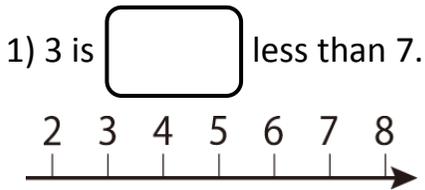
9) 14 is  more than 6.



10) 12 is  more than 4.



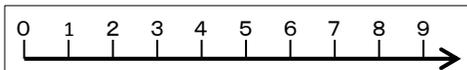
**Example** Write the answer in the . If you don't know the answer, think it using number line.



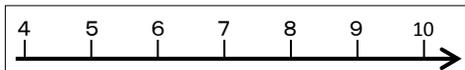
*Good!*

**Exercise** Write the answer in the . If you don't know the answer, think it using number line.

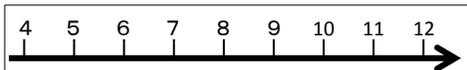
1) 4 is  less than 6.



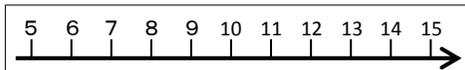
2) 5 is  less than 9.



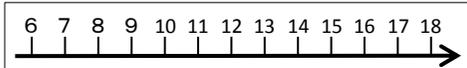
3) 4 is  less than 9.



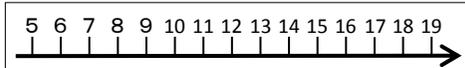
4) 10 is  less than 12.



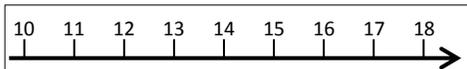
5) 13 is  less than 16.



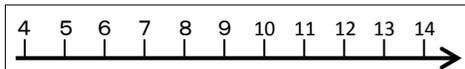
6) 13 is  less than 17.



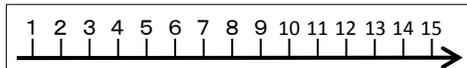
7) 11 is  less than 18.



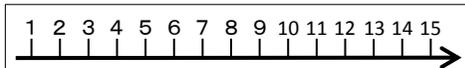
8) 6 is  less than 13.



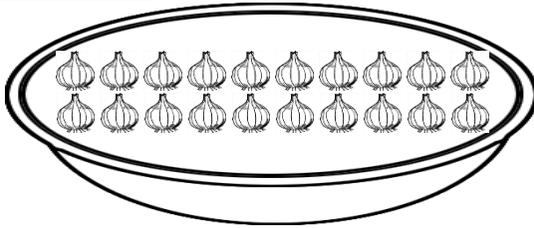
9) 5 is  less than 12.



10) 3 is  less than 15.



How many onions are there?

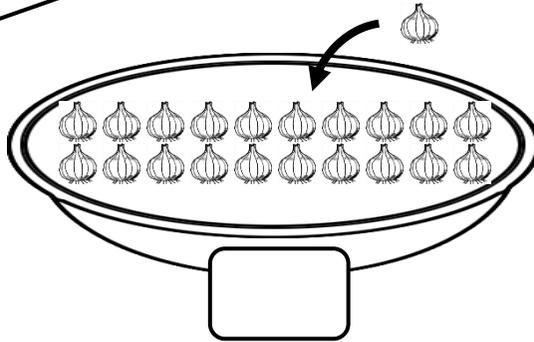


Good!

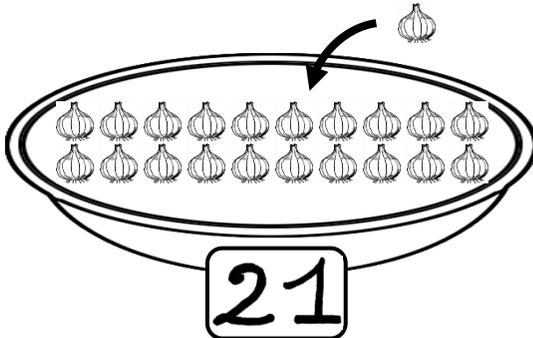
There are 20!



If we put one more onion here, how many are there?



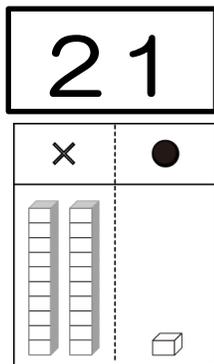
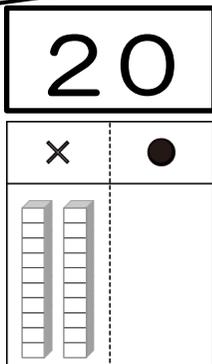
Good!



When we add 1 to 10, it is 11. So, if we add 1 to 20, is it 21?



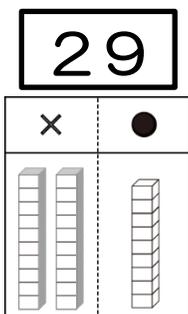
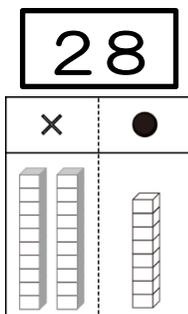
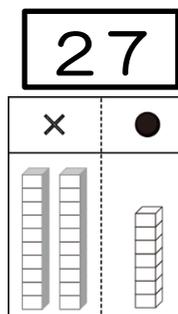
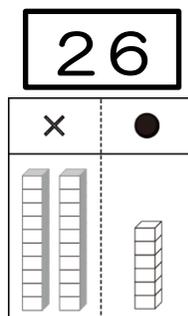
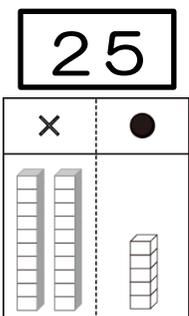
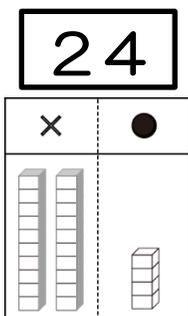
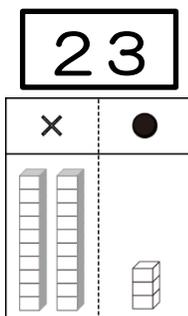
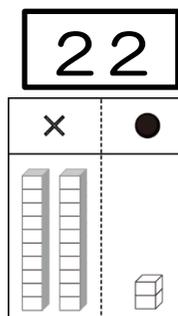
Then, let's look at how to write larger numbers than 20 .



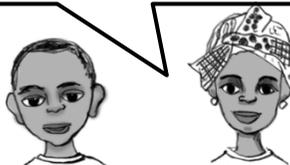
We put a below of 20, it is 21 !



We can write in the same way with bigger numbers.

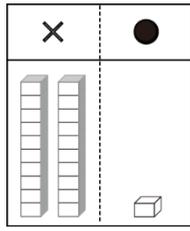
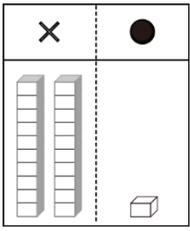


When the number of increases one by one, the number below changes into 2, 3, 4, 5, 6, 7, 8, 9.



**Example**

Write the number of  in .



*Good!*

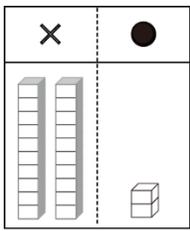
21



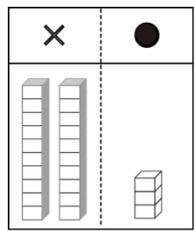
**Exercise**

Write the number of  in the picture.

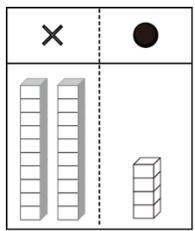
①



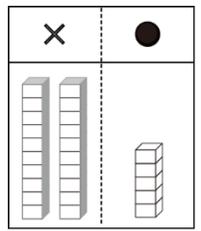

②



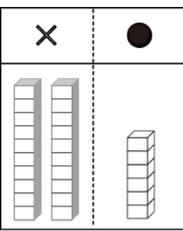

③



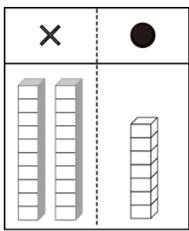

④



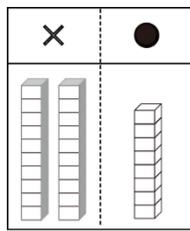

⑤



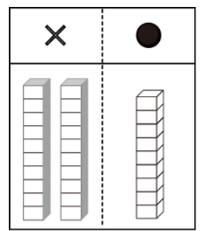

⑥




⑦




⑧



Let's look at how to read 21. Do you remember how to read 20 and 1?



20

*twenty*

1

*one*



21 consists of 20 and 1.



*twenty one*

21

20

*twenty*

1

*one*

So, we can read  
twenty and one.



We read numbers from 22 in the same way.



*twenty two*

22

20

*twenty*

2

*two*

*twenty three*

23

20

*twenty*

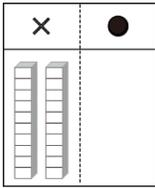
3

*three*



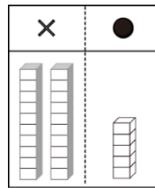
Check how to write and read the numbers below.

Count the  and write the number in .



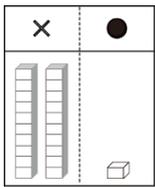
**20**

*twenty*



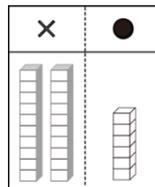
**25**

*twenty five*



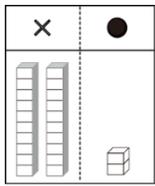
**21**

*twenty one*



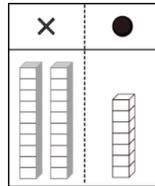
**26**

*twenty six*



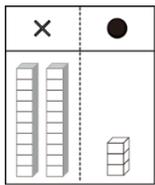
**22**

*twenty two*



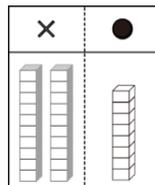
**27**

*twenty seven*



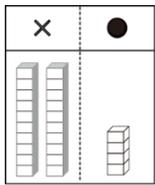
**23**

*twenty three*



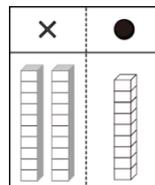
**28**

*twenty eight*



**24**

*twenty four*



**29**

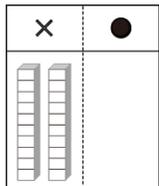
*twenty nine*

Let's read aloud the "numbers" shown above one by one.

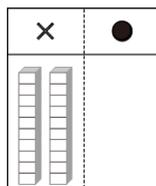
Example

Write the numbers and words.

Trace grey letters and copy them in the boxes.



20	20
twenty	twenty



20	20
twenty	twenty

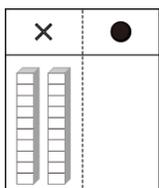


Exercise

Write the numbers and words.



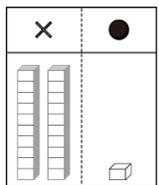
Good!



20	20			

twenty

twenty



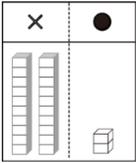
21	21			

twenty one

twenty one

## Exercise

Write the numbers and words.

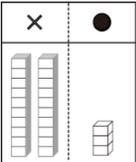


22

22

twenty two

twenty two

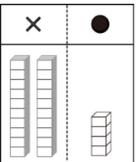


23

23

twenty three

twenty three



24

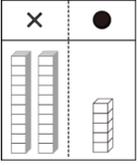
24

twenty four

twenty four

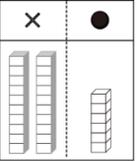
## Exercise

Write the numbers and words.



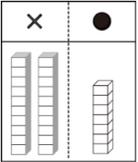
25

25

*twenty five**twenty five*

26

26

*twenty six**twenty six*

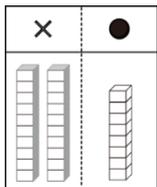
27

27

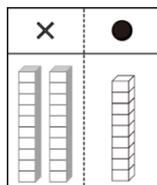
*twenty seven**twenty seven*

## Exercise

Write the numbers and words.



28 28

*twenty eight**twenty eight*

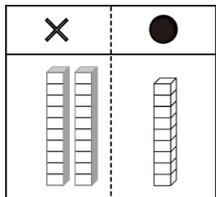
29 29

*twenty nine**twenty nine*

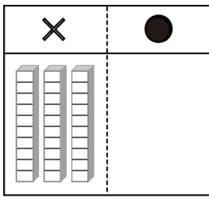
Let's look at how to write larger numbers than 29.



29



30

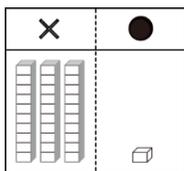


It becomes 30 by adding  
in the  of 29.

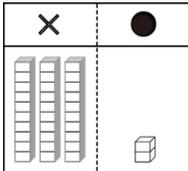


We read numbers from 31 in the same way as from 21 to 30.

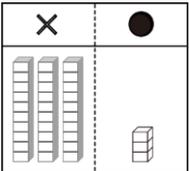
31



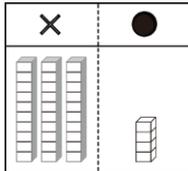
32



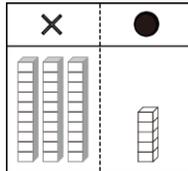
33



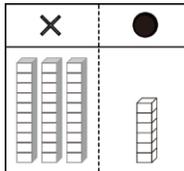
34



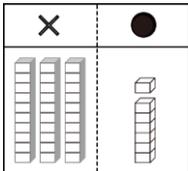
35



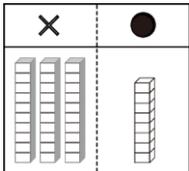
36



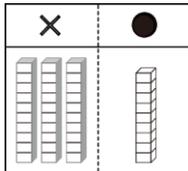
37



38

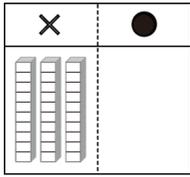


39



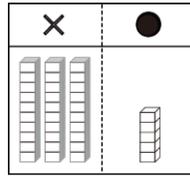
Check how to write and read the numbers below.

Count the  and write the number in .



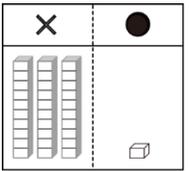
**30**

*thirty*



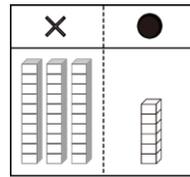
**35**

*thirty five*



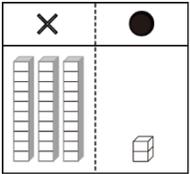
**31**

*thirty one*



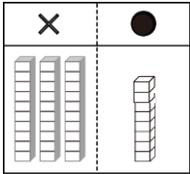
**36**

*thirty six*



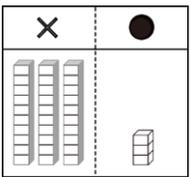
**32**

*thirty two*



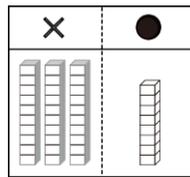
**37**

*thirty seven*



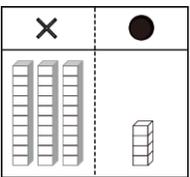
**33**

*thirty three*



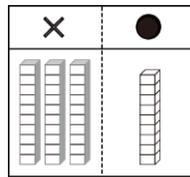
**38**

*thirty eight*



**34**

*thirty four*



**39**

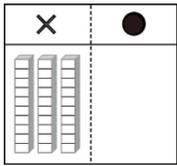
*thirty nine*

Let's read aloud the "numbers" shown above one by one.

**Example**

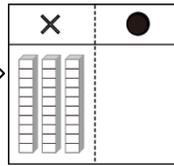
Write the numbers and words.

Trace grey letters and copy them in the boxes.



30 30

thirty thirty



30 30

thirty thirty

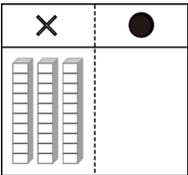


**Exercise**

Write the numbers and words.



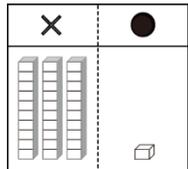
Good!



30 30

thirty

thirty



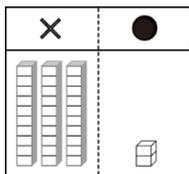
31 31

thirty one

thirty one

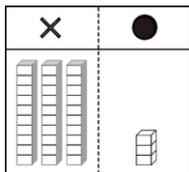
## Exercise

Write the numbers and words.



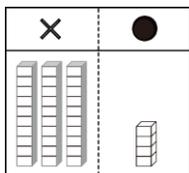
32	32			

<i>thirty two</i>	<i>thirty two</i>



33	33			

<i>thirty three</i>	<i>thirty three</i>

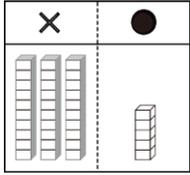


34	34			

<i>thirty four</i>	<i>thirty four</i>

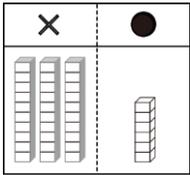
## Exercise

Write the numbers and words.



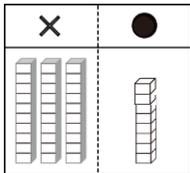
35

35

*thirty five**thirty five*

36

36

*thirty six**thirty six*

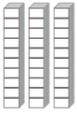
37

37

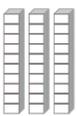
*thirty seven**thirty seven*

Exercise

Write the numbers and words.

				38	38			

*thirty eight**thirty eight*

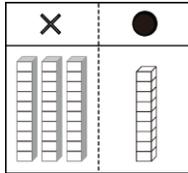
				39	39			

*thirty nine**thirty nine*

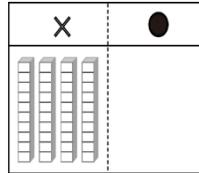
Let's look at how to write larger numbers than 39.



39



40

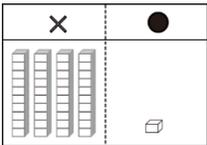


It becomes 40 by adding  
 in the  of 39.

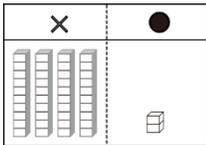


We read numbers from 41 in the same way as from 21.

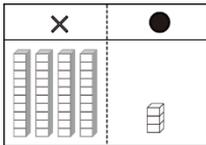
41



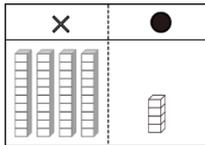
42



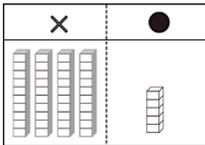
43



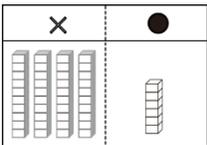
44



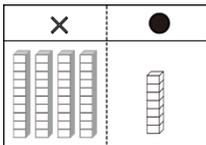
45



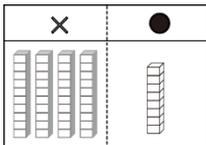
46



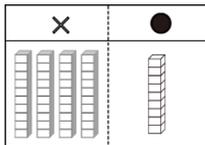
47



48

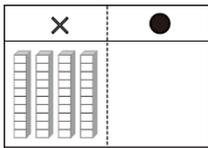


49



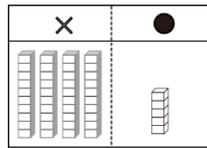
Check how to write and read the numbers below.

Count the  and write the number in .



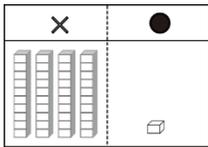
40

forty



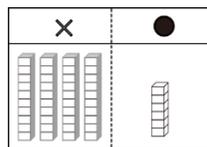
45

forty five



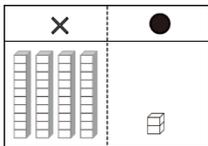
41

forty one



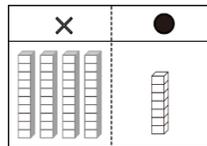
46

forty six



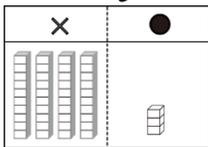
42

forty two



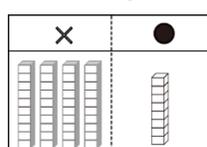
47

forty seven



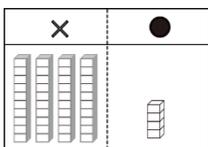
43

forty three



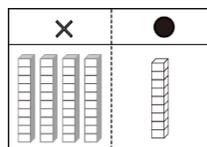
48

forty eight



44

forty four



49

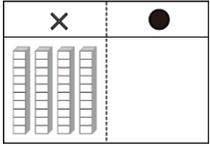
forty nine

Let's read aloud the "numbers" shown above one by one.

Example

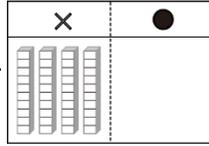
Write the numbers and words.

Trace grey letters and copy them in the boxes.



40 40

forty forty



40 40

forty forty

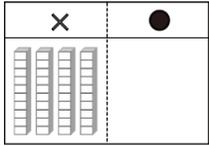


Exercise

Write the numbers and words.



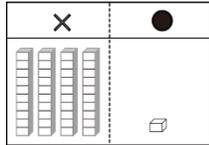
Good!



40 40

forty

forty

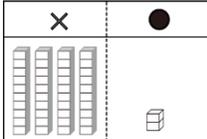


41 41

forty one

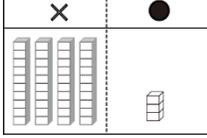
forty one

Exercise Write the numbers and words.

	42	42			

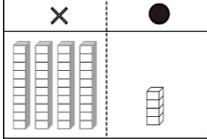
*forty two*

*forty two*

	43	43			

*forty three*

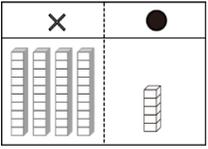
*forty three*

	44	44			

*forty four*

*forty four*

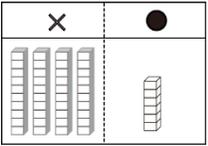
Exercise Write the numbers and words.



45	45			

*forty five*

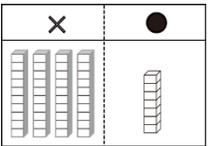
*forty five*



46	46			

*forty six*

*forty six*

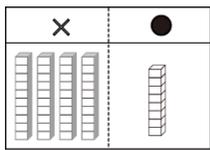


47	47			

*forty seven*

*forty seven*

Exercise Write the numbers and words.

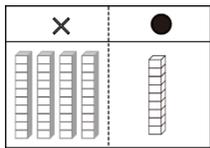


48

48

*forty eight*

*forty eight*



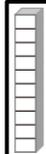
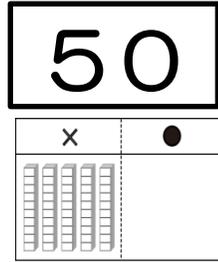
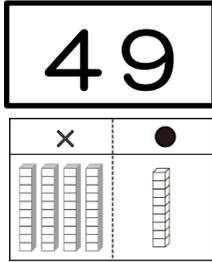
49

49

*forty nine*

*forty nine*

Let's look at how to write larger numbers than 49.



It becomes 50 by adding in the x of 49.



We read numbers from 51 in the same way as from 21.

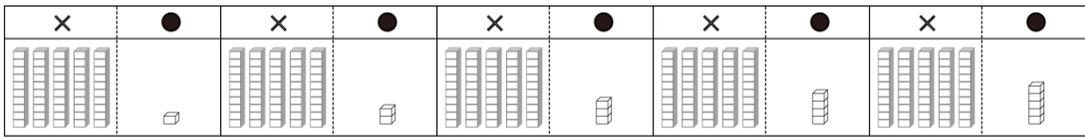
51

52

53

54

55

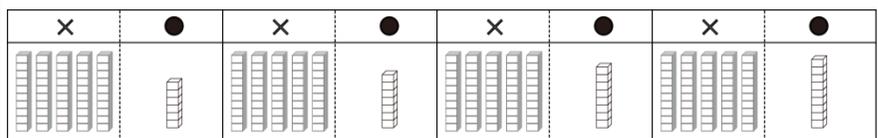


56

57

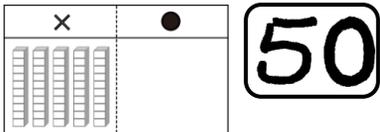
58

59



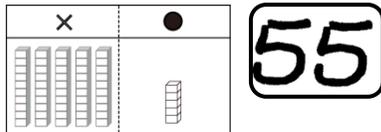
Check how to write and read the numbers below.

Count the  and write the number in .



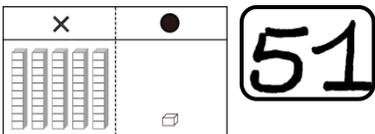
50

*fifty*



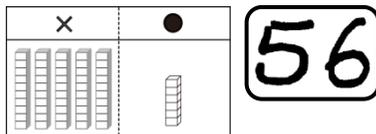
55

*fifty five*



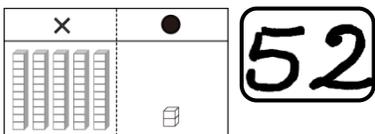
51

*fifty one*



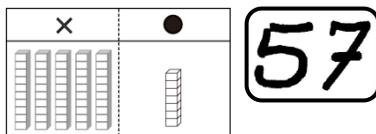
56

*fifty six*



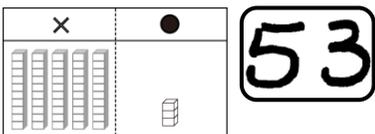
52

*fifty two*



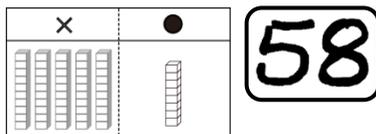
57

*fifty seven*



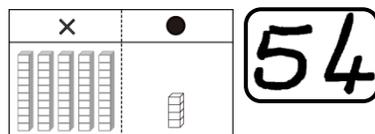
53

*fifty three*



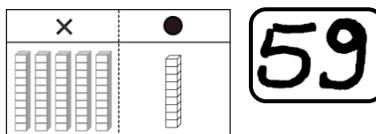
58

*fifty eight*



54

*fifty four*



59

*fifty nine*

Let's read aloud the "numbers" shown above one by one.

**Example**

Write the numbers and words.

Trace grey letters and copy them in the boxes.



x	•	50	50		x	•	50	50
				→				
		fifty	fifty				fifty	fifty

**Exercise**

Write the numbers and words.



Good!

x	•	50	50				

fifty	fifty	

x	•	51	51				

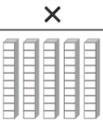
fifty one	fifty one

Exercise Write the numbers and words.

		52	52			

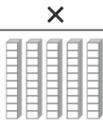
*fifty two*

*fifty two*

		53	53			

*fifty three*

*fifty three*

		54	54			

*fifty four*

*fifty four*

Exercise Write the numbers and words.

		55	55			

*fifty five*

*fifty five*

		56	56			

*fifty six*

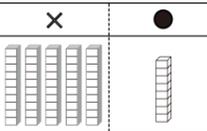
*fifty six*

		57	57			

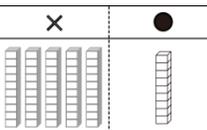
*fifty seven*

*fifty seven*

Exercise Write the numbers and words.

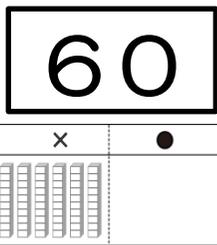
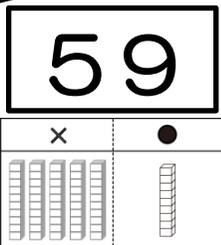
		58	58			

<i>fifty eight</i>	<i>fifty eight</i>

		59	59			

<i>fifty nine</i>	<i>fifty nine</i>

Let's look at how to write larger numbers than 59.



It becomes 60 by adding  
 in the x of 59.



We read numbers from 61 in the same way as from 21.

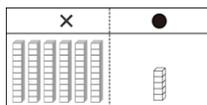
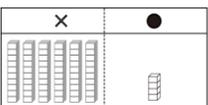
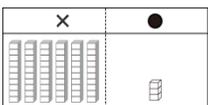
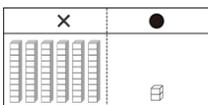
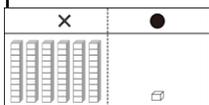
61

62

63

64

65

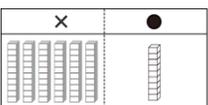
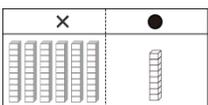
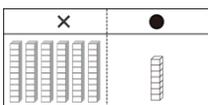
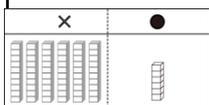


66

67

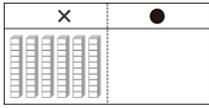
68

69



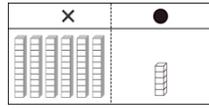
Check how to write and read the numbers below.

Count the  and write the number in .



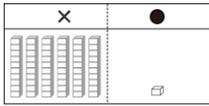
60

*sixty*



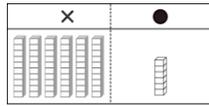
65

*sixty five*



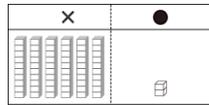
61

*sixty one*



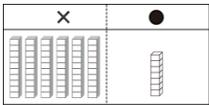
66

*sixty six*



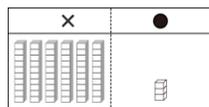
62

*sixty two*



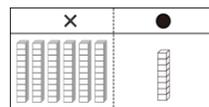
67

*sixty seven*



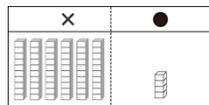
63

*sixty three*



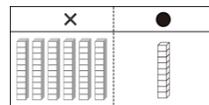
68

*sixty eight*



64

*sixty four*



69

*sixty nine*

Let's read aloud the "numbers" shown above one by one.

Example

Write the numbers and words.

Trace grey letters and copy them in the boxes.



x	•	60	60
		sixty	sixty

x	•	60	60
		sixty	sixty

Exercise

Write the numbers and words.



Good!

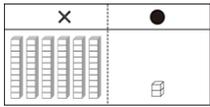
x	•	60	60			

sixty	sixty	

x	•	61	61			

sixty one	sixty one

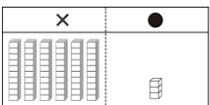
Exercise Write the numbers and words.



62	62			

*sixty two*

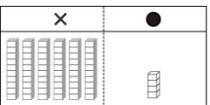
*sixty two*



63	63			

*sixty three*

*sixty three*

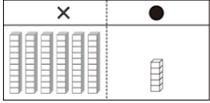


64	64			

*sixty four*

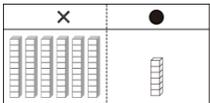
*sixty four*

Exercise Write the numbers and words.



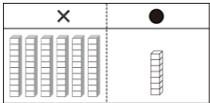
65	65			

<i>sixty five</i>	<i>sixty five</i>



66	66			

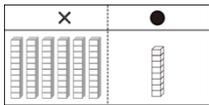
<i>sixty six</i>	<i>sixty six</i>



67	67			

<i>sixty seven</i>	<i>sixty seven</i>

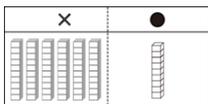
Exercise Write the numbers and words.



68 68

*sixty eight*

*sixty eight*



69 69

*sixty nine*

*sixty nine*



Let's look at the numbers we've learnt so far.  
Do you find any patterns?



The number increases by one  
when we look at it horizontally.

horizontal

→

	0	1	2	3	4	5	6	7	8	9
vertical ↓	10	11	12	13	14	15	16	17	18	19
	20	21	22	23	24	25	26	27	28	29
	30	31	32	33	34	35	36	37	38	39
	40	41	42	43	44	45	46	47	48	49
	50	51	52	53	54	55	56	57	58	59
	60	61	62	63	64	65	66	67	68	69
	70	71	72	73	74	75	76	77	78	79



The number increases by ten  
when we look at it vertically.

**Example** Fill in the missing number.



0	1	2	3
10	11		13



0	1	2	3
10	11	12	13



**Exercise** Fill in the missing numbers.

①

0	1	2	3	4		6	7	8	9
10	11		13	14	15	16		18	19

②

0	1	2	3	4	5
10			13	14	15
20	21	22	23	24	25
30	31	32		34	35
40	41	42		44	45

③

11	12		14
21	22		24
31	32		34
41	42		44
51	52		54
61	62		64

**Exercise** Fill in the missing numbers.

④

3	4	5	6	7
13	14	15	16	17
23			26	27
33	34	35	36	37
43	44	45	46	47
53	54			57
63	64	65	66	67
73			76	77

⑤

22	23	24	25	26
32		34	35	36
42		44	45	46
52		54		56
62		64		66
72	73	74	75	76

⑥

40	41	42	43	44	45	46			49
50	51	52			55	56	57		59
60	61	62	63	64	65	66	67		69
70	71			74	75				79

**Exercise** Fill in the missing numbers.

0	1								
									79

Let's read the them aloud one by one from 0  
after you have filled in the missing numbers.

Example Draw ○ on the bigger number.

26

31

The bigger number is 26 31



26

31

The bigger number is 26 **31**



Good!

Exercise Draw ○ on the bigger number.

①

27

28

The bigger number is 27 28

②

44

38

The bigger number is 44 38

③

51

43

The bigger number is 51 43

④

29

35

The bigger number is 29 35

⑤

72

54

The bigger number is 72 54

⑥

66

70

The bigger number is 66 70

⑦

37

25

The bigger number is 37 25

⑧

63

46

The bigger number is 63 46

Exercise Draw ○ on the bigger number.

⑨

62

73

The bigger number is **62 73**

⑩

50

37

The bigger number is **50 37**

⑪

74

65

The bigger number is **74 65**

⑫

35

41

The bigger number is **35 41**

⑬

77

68

The bigger number is **77 68**

⑭

34

28

The bigger number is **34 28**

⑮

61

53

The bigger number is **61 53**

⑯

49

55

The bigger number is **49 55**

⑰

36

63

The bigger number is **36 63**

⑱

26

30

The bigger number is **26 30**

⑲

57

65

The bigger number is **57 65**

⑳

33

44

The bigger number is **33 44**

**Example** Draw ○ on the smaller number.

23

31

The smaller number is **23** 31



23

31

The smaller number is **23** 31



*Good!*

**Exercise** Draw ○ on the smaller number.

①

25

26

The smaller number is **25** 26

②

34

28

The smaller number is **34** 28

③

61

56

The smaller number is **61** 56

④

39

45

The smaller number is **39** 45

⑤

52

48

The smaller number is **52** 48

⑥

76

70

The smaller number is **76** 70

⑦

34

28

The smaller number is **34** 28

⑧

56

49

The smaller number is **56** 49

Exercise Draw ○ on the smaller number.

⑨

66

72

The smaller number is 66 72

⑩

40

37

The smaller number is 40 37

⑪

58

61

The smaller number is 58 61

⑫

38

42

The smaller number is 38 42

⑬

79

67

The smaller number is 79 67

⑭

29

30

The smaller number is 29 30

⑮

71

63

The smaller number is 71 63

⑯

44

35

The smaller number is 44 35

⑰

46

64

The smaller number is 46 64

⑱

28

50

The smaller number is 28 50

⑲

59

62

The smaller number is 59 62

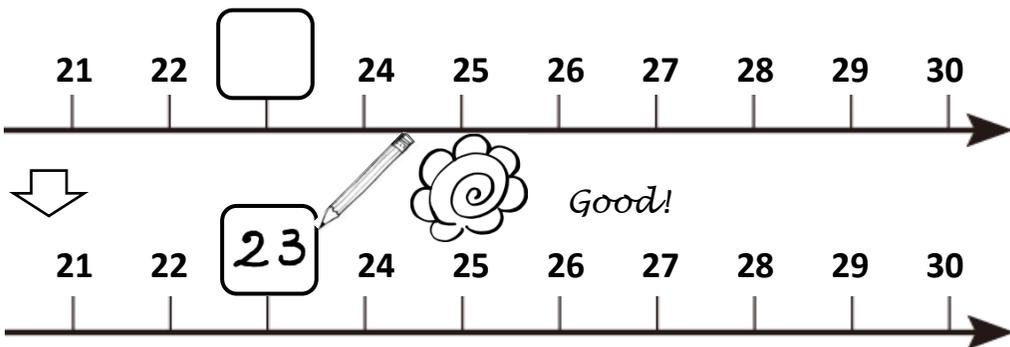
⑳

55

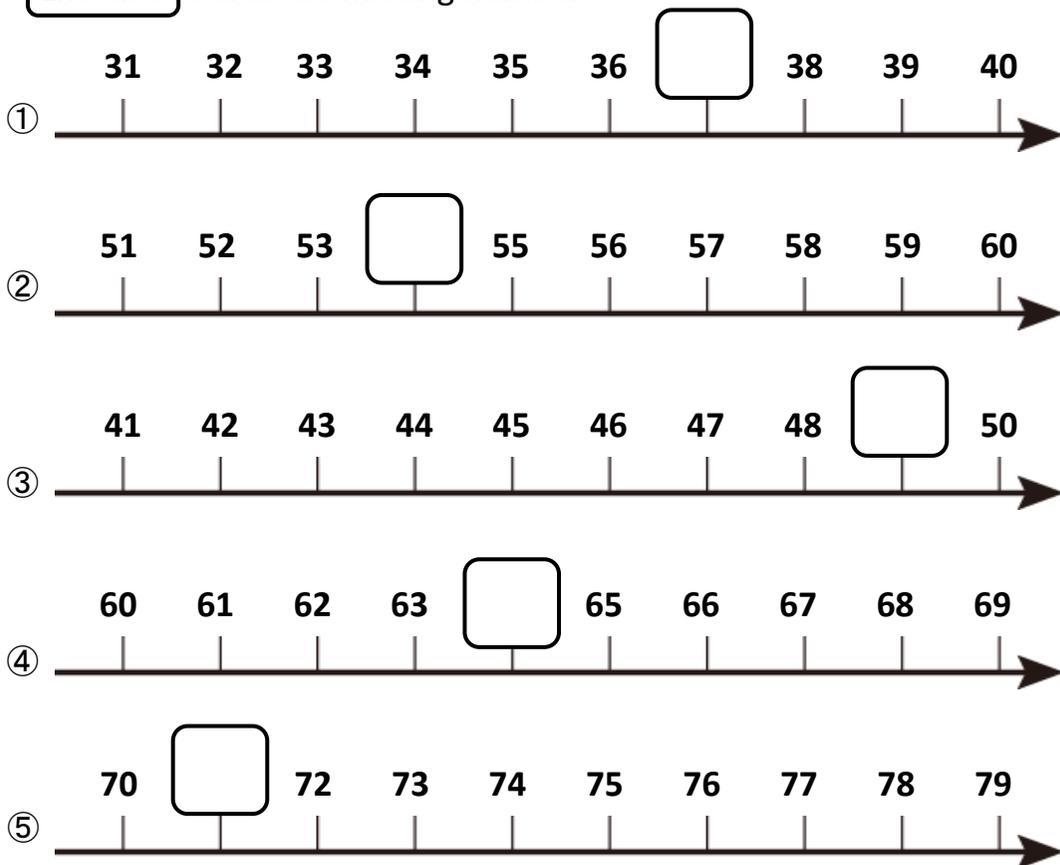
44

The smaller number is 55 44

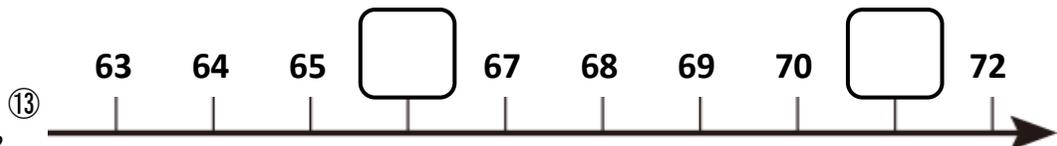
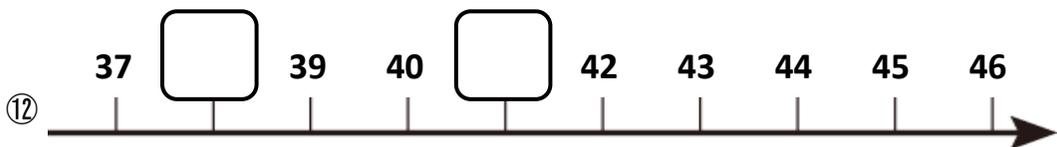
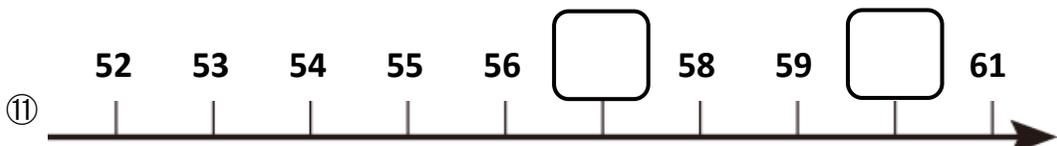
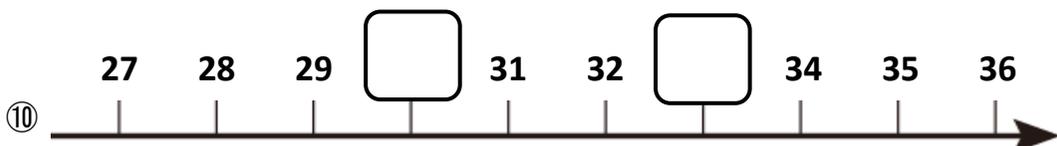
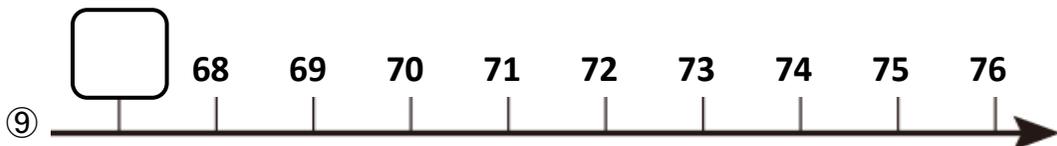
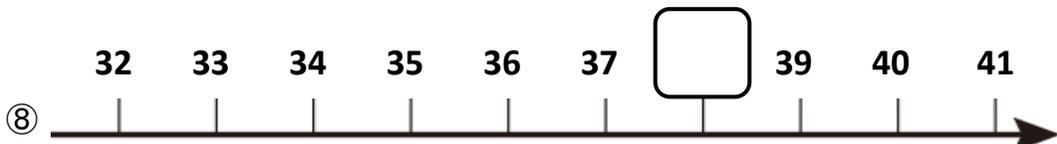
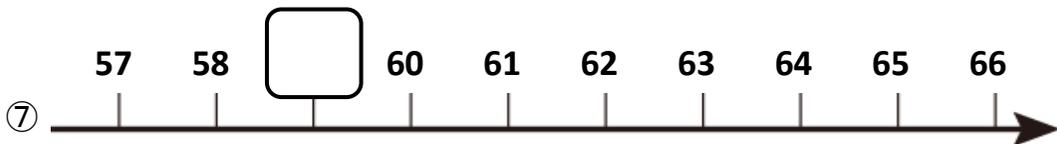
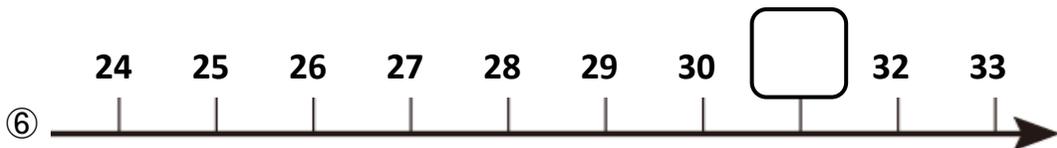
**Example** Fill in the missing number.



**Exercise** Fill in the missing number.

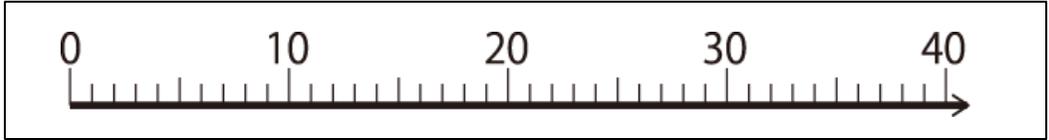


Exercise Fill in the missing number.





Let's look at how we write a number line for big numbers.

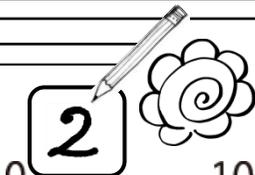
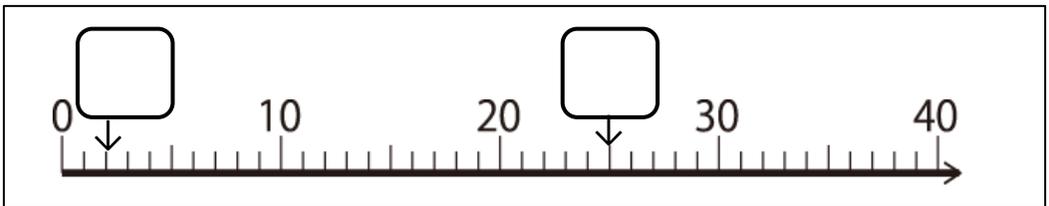


There are many vertical lines.

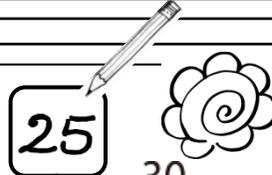
There are only 0, 10, 20, 30, 40 on the number line.



What is the number indicated by ↓?  
Fill in the missing number.



Good!

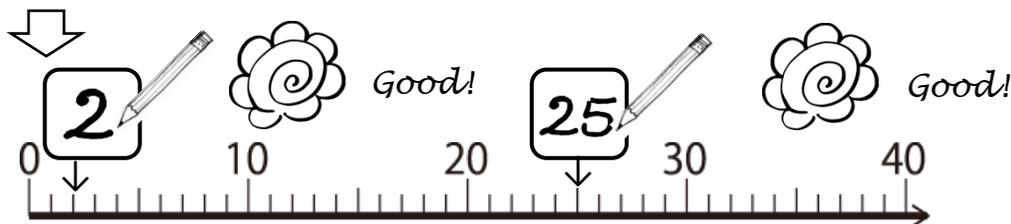
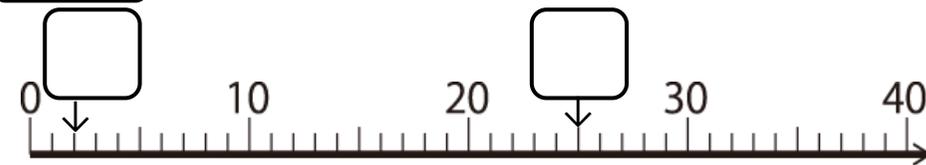


Good!

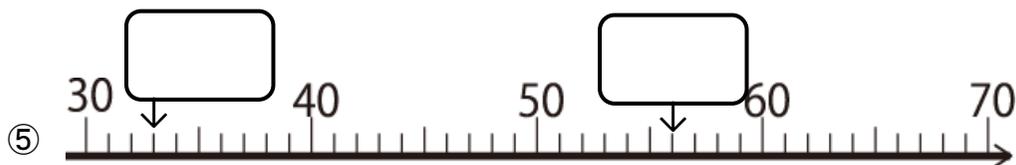
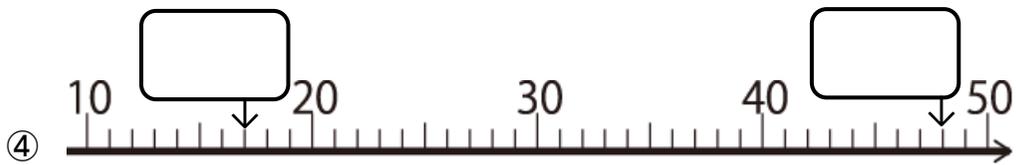
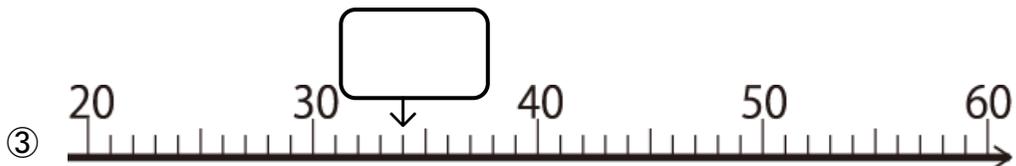
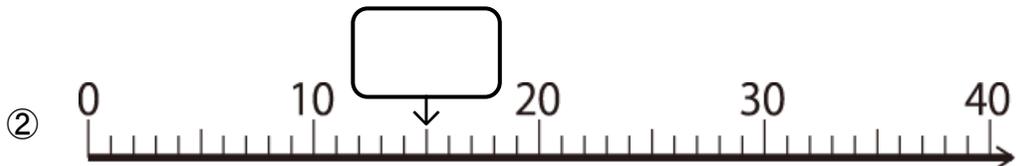
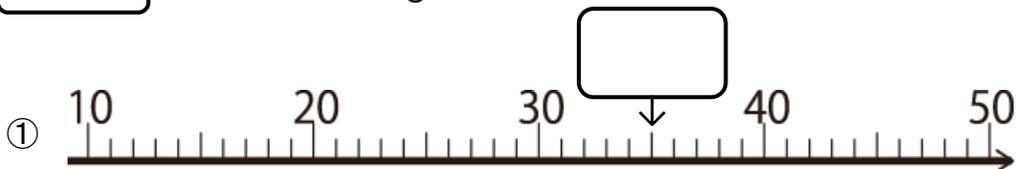


The vertical lines with numbers and the lines which show 5, 15, 25, 35 are a bit longer than the others. You can easily find out the answer by counting from these numbers.

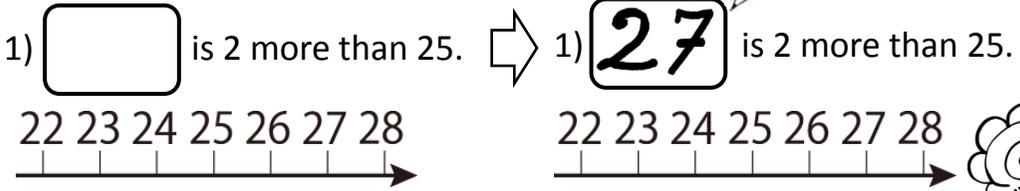
**Example** Fill in the missing number.



**Exercise** Fill in the missing number.



**Example** Fill in the missing number. If you don't know the answer, think it using number line.

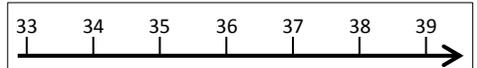
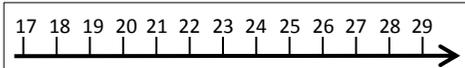


**Exercise** Fill in the missing number. If you don't know the answer, think it using number line.

*Good!*

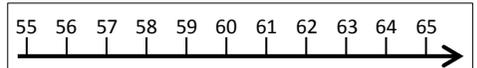
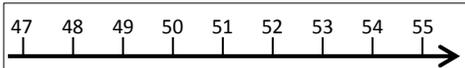
1)  is 5 more than 23.

2)  is 2 more than 36.



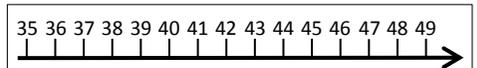
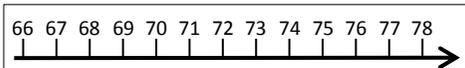
3)  is 3 more than 51.

4)  is 4 more than 60.



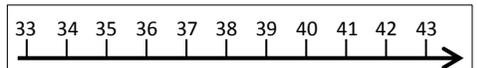
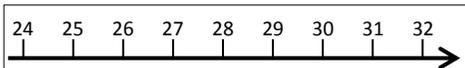
5)  is 5 more than 72.

6)  is 6 more than 42.



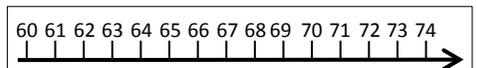
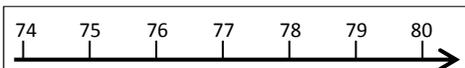
7)  is 3 more than 28.

8)  is 4 more than 38.



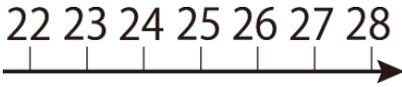
9)  is 2 more than 77.

10)  is 6 more than 67.

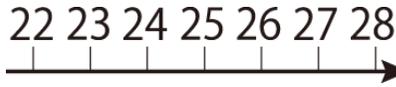


**Example** Fill in the missing number. If you don't know the answer, think it using number line.

1)  is 2 less than 25.



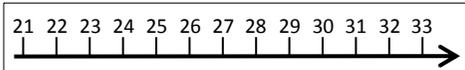
1)  is 2 less than 25.



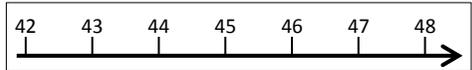
*Good!*

**Exercise** Fill in the missing number. If you don't know the answer, think it using number line.

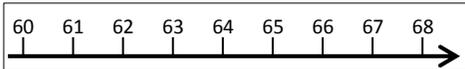
1)  is 5 less than 27.



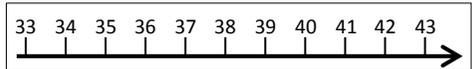
2)  is 2 less than 45.



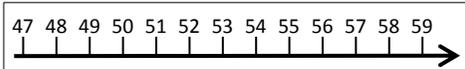
3)  is 3 less than 64.



4)  is 4 less than 38.



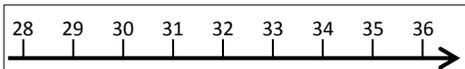
5)  is 5 less than 53.



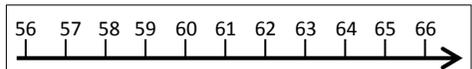
6)  is 6 less than 70.



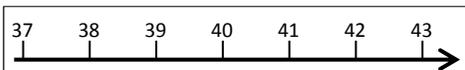
7)  is 3 less than 32.



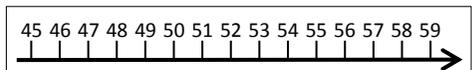
8)  is 4 less than 61.



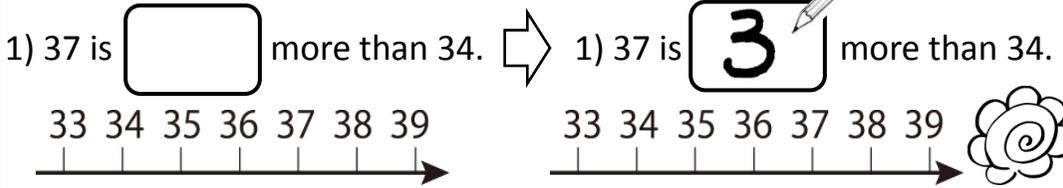
9)  is 2 less than 40.



10)  is 6 less than 52.



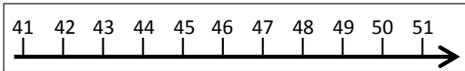
**Example** Fill in the missing number. If you don't know the answer, think it using number line.



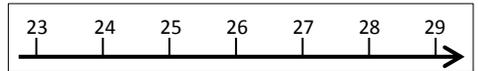
**Exercise** Fill in the missing number. If you don't know the answer, think it using number line.

*Good!*

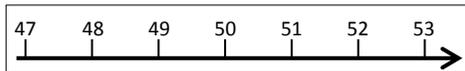
1) 46 is  more than 42.



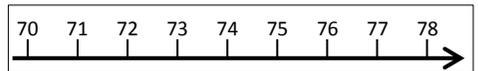
2) 26 is  more than 24.



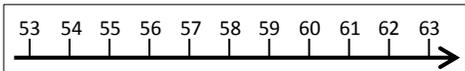
3) 50 is  more than 48.



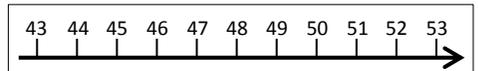
4) 74 is  more than 71.



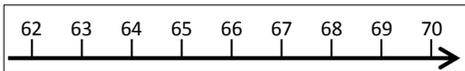
5) 58 is  more than 54.



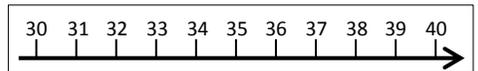
6) 48 is  more than 42.



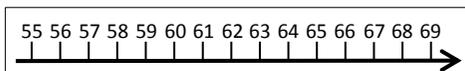
7) 67 is  more than 62.



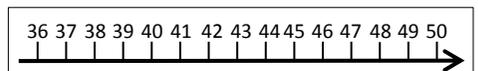
8) 35 is  more than 31.



9) 62 is  more than 57.

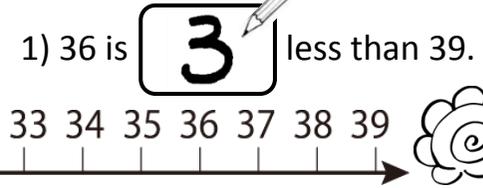
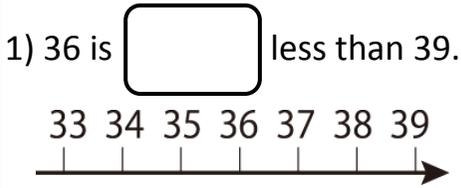


10) 43 is  more than 37.



**Example**

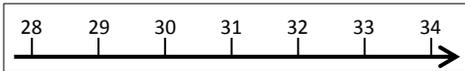
Fill in the missing number. If you don't know the answer, think it using number line.

**Exercise**

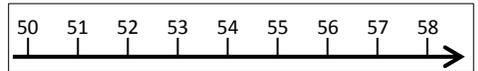
Fill in the missing number. If you don't know the answer, think it using number line.

*Good!*

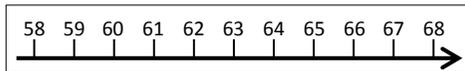
1) 46 is  less than 42.



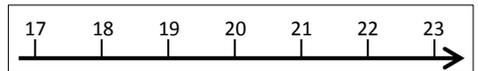
2) 26 is  less than 24.



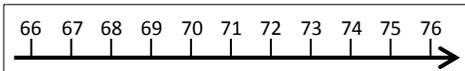
3) 50 is  less than 48.



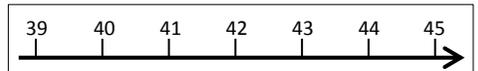
4) 74 is  less than 71.



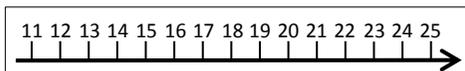
5) 58 is  less than 54.



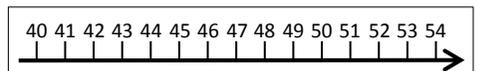
6) 48 is  less than 42.



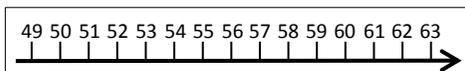
7) 67 is  less than 62.



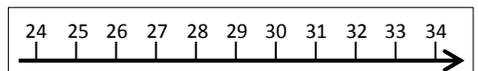
8) 35 is  less than 31.



9) 62 is  less than 57.



10) 43 is  less than 37.





What is the answer for the question?

The number which is made of 3  is .



The number which is made of 3  is .

 consists of 10 .

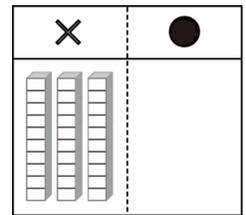


One  means that there is a set of 10.



The number which is made of 3  is **30** 

**30**



We can easily find out the number with the figure.

*Good!*

**Example** Write the answer in the .

The number which is made of 3



is

30



*Good!*

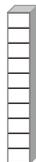
**Exercise** Write the answer in the .

1) The number which is made of 2



is

2) The number which is made of 4



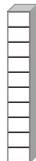
is

3) The number which is made of 5



is

4) The number which is made of 6



is

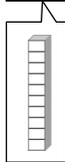
5) The number which is made of 7



is

**Example** Write the answer in the .

The number which is made of 3  is



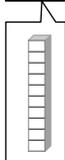
30.



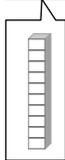
*Good!*

**Exercise** Write the answer in the .

1) The number which is made of 2  is




2) The number which is made of 6  is




3) The number which is made of 4  is



4) The number which is made of 7  is



5) The number which is made of 3  is



6) The number which is made of 5  is



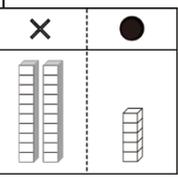
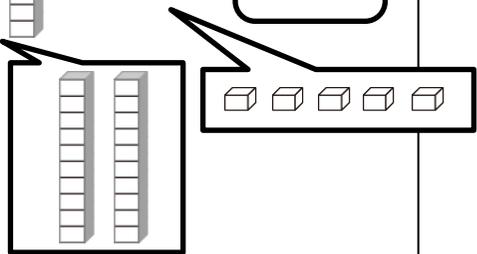
What is the answer for the question?  
Write the answer in the .



The number which is made of 2  and 5  is .

The number which is made of 2  and 5  is .

The picture shows that there are 2 sets below  and 5  below .



How many each set?



The number which is made of 2  and 5  is  **25**.

Good!



We can write the other numbers in the same way.



**Example** Write the answer in the .



*Good!*



The number which is made of 2  and 5  is .

**Exercise** Write the answer in the .

1) The number which is made of 2  and 5  is .

2) The number which is made of 4  and 7  is .

3) The number which is made of 5  and 1  is .

4) The number which is made of 7  and 6  is .

5) The number which is made of 3  and 3  is .

1) The number which is made of 1  and 9  is .

2) The number which is made of 2  and 4  is .

3) The number which is made of 3  and 8  is .

4) The number which is made of 5  and 3  is .

5) The number which is made of 2  and 7  is .

6) The number which is made of 4  and 4  is .

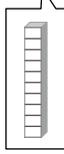
7) The number which is made of 3  and 9  is .

8) The number which is made of 2  and 0  is .

**Example** Write the answer in the .

The number which is made of 2  and 5  is

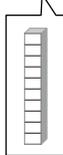
25



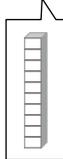
*Good!*

**Exercise** Write the answer in the .

1) The number which is made of 3  and 7  is



2) The number which is made of 4  and 9  is



3) The number which is made of 5  and 4  is

4) The number which is made of 6  and 3  is

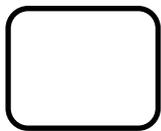
5) The number which is made of 2  and 8  is

6) The number which is made of 3  and 0  is



What is the answer for the question?  
Write the answer in the .

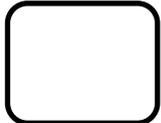
The number which is made of



is 30.



The number which is made of



is 30.

30 consists of 30 .



One  means that there is 10 .



The number which is made of

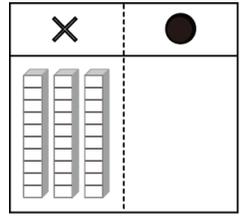


is 30.



Good!

30



We can easily find out the number with the figure.

**Example** Write the answer in the .

The number which is made of



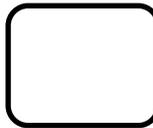
is 30.



*Good!*

**Exercise** Write the answer in the .

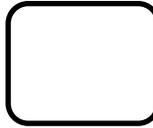
1) The number which is made of



is 20.



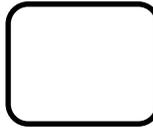
2) The number which is made of



is 50.



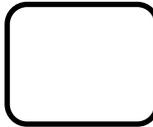
3) The number which is made of



is 40.



4) The number which is made of



is 10.



5) The number which is made of

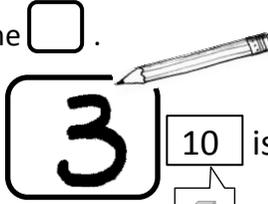


is 70.



**Example** Write the answer in the .

The number which is made of **3**  10 is 30.



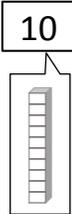
*Good!*

**Exercise** Write the answer in the .

1) The number which is made of  10 is 60.



2) The number which is made of  10 is 40.



3) The number which is made of  10 is 20.

4) The number which is made of  10 is 50.

5) The number which is made of  10 is 70.

6) The number which is made of  10 is 10.



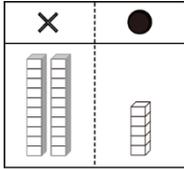
What is the answer for the question?  
Write the answer in the .

The number which is made of  and  is 25.

The number which is made of  and  is 25.



What are the elements of 25?



The picture shows that there are 2 sets below  and 5 below .



The number which is made of  and  is 25.



We can write the other numbers in the same way.



Good!

**Example** Write the answer in the .

The number which is made of

2

and

5

is 25.



*Good!*

**Exercise** Write the answer in the .

1) The number which is made of

and

is 37.

2) The number which is made of

and

is 29.

3) The number which is made of

and

is 51.

4) The number which is made of

and

is 48.

5) The number which is made of

and

is 63.

Exercise Write the answer in the .

6) The number which is made of  and  is 28.

7) The number which is made of  and  is 59.

8) The number which is made of  and  is 33.

9) The number which is made of  and  is 40.

10) The number which is made of  and  is 23.

11) The number which is made of  and  is 69.

12) The number which is made of  and  is 62.

13) The number which is made of  and  is 55.

**Example** Write the answer in the .

The number which is made of



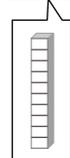
10 and



1 is 25.

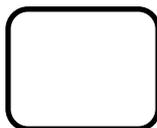


*Good!*

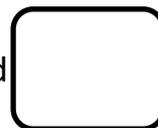


**Exercise** Write the answer in the .

1) The number which is made of



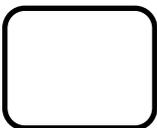
10 and



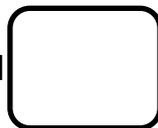
1 is 56.



2) The number which is made of



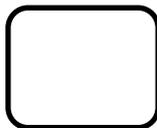
10 and



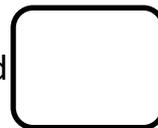
1 is 28.



3) The number which is made of

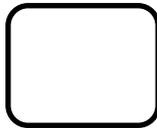


10 and

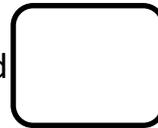


1 is 43.

4) The number which is made of



10 and



1 is 61.

5) The number which is made of

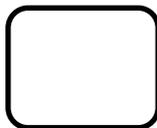


10 and

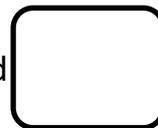


1 is 55.

6) The number which is made of



10 and



1 is 79.

Let's subtract big numbers.



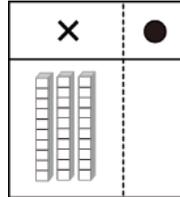
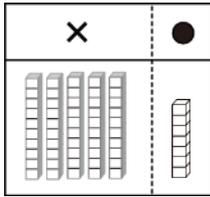
$$57 - 30$$



57 is a number of 5 sets below  $\times$  and 7  $\square$  below  $\bullet$ .



$$57 - 30$$

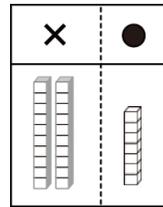
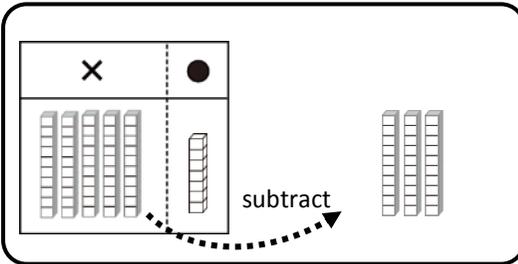


30 is a number of 3 below  $\times$ .



Good!

$$57 - 30 = 27$$



We get 27 by subtracting 3 from the 5 of 57.



Example Write the answer in the .

57

-

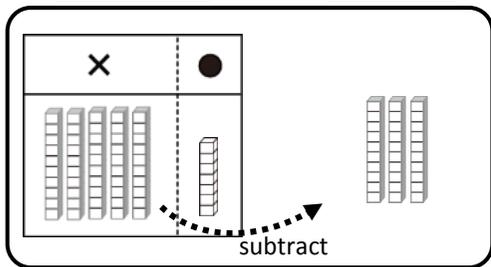
30

=

27



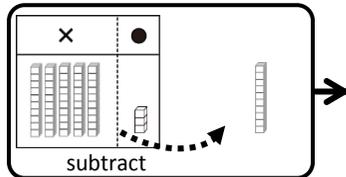
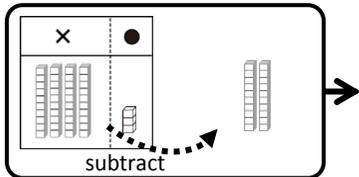
Good!



Exercise Write the answer in the .

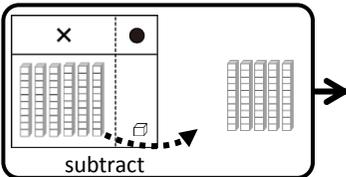
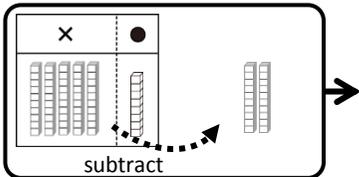
①  -  =

②  -  =



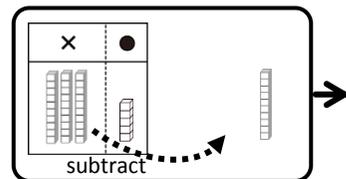
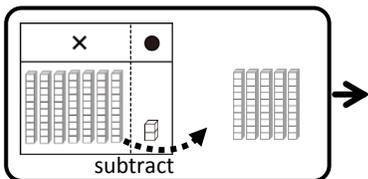
③  -  =

④  -  =



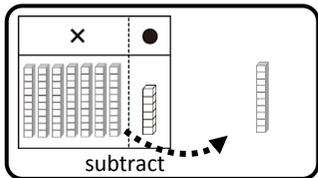
⑤  -  =

⑥  -  =

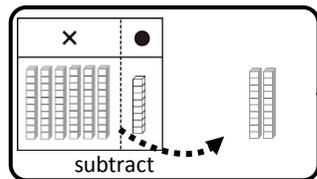


Exercise Write the answer in the .

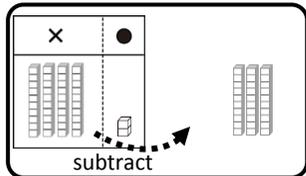
$$⑦ \quad 76 - 10 = \boxed{\phantom{00}}$$



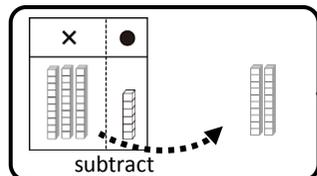
$$⑧ \quad 68 - 20 = \boxed{\phantom{00}}$$



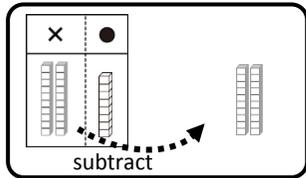
$$⑨ \quad 42 - 30 = \boxed{\phantom{00}}$$



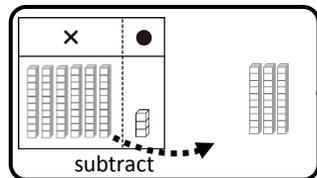
$$⑩ \quad 36 - 20 = \boxed{\phantom{00}}$$



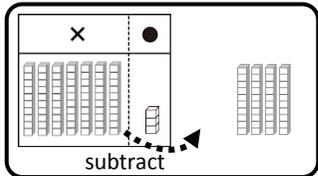
$$⑪ \quad 28 - 20 = \boxed{\phantom{00}}$$



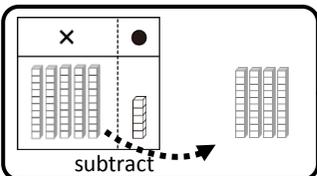
$$⑫ \quad 63 - 30 = \boxed{\phantom{00}}$$



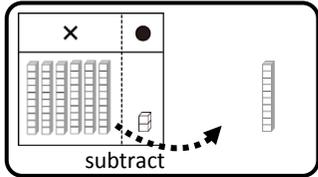
$$⑬ \quad 73 - 40 = \boxed{\phantom{00}}$$



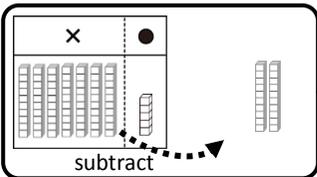
$$⑭ \quad 55 - 40 = \boxed{\phantom{00}}$$



$$⑮ \quad 62 - 10 = \boxed{\phantom{00}}$$

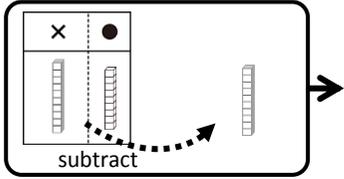


$$⑯ \quad 75 - 20 = \boxed{\phantom{00}}$$

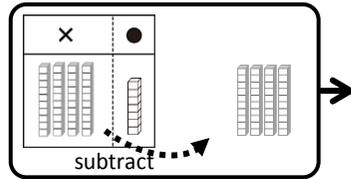


Exercise Write the answer in the .

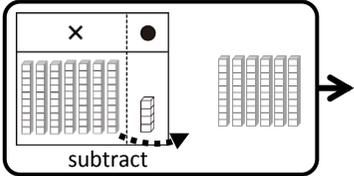
$$⑰ \quad 19 - 10 = \boxed{\phantom{00}}$$



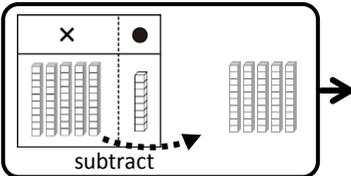
$$⑱ \quad 47 - 40 = \boxed{\phantom{00}}$$



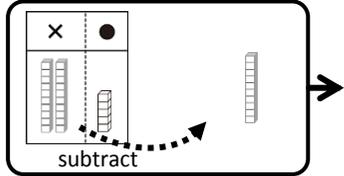
$$⑲ \quad 74 - 60 = \boxed{\phantom{00}}$$



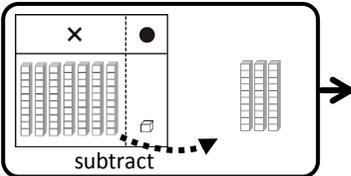
$$⑳ \quad 58 - 50 = \boxed{\phantom{00}}$$



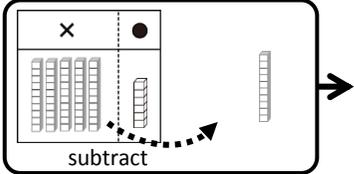
$$㉑ \quad 25 - 10 = \boxed{\phantom{00}}$$



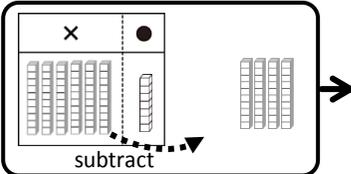
$$㉒ \quad 71 - 30 = \boxed{\phantom{00}}$$



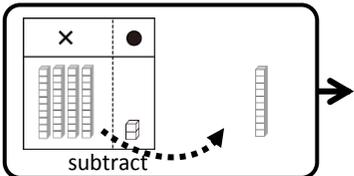
$$㉓ \quad 56 - 10 = \boxed{\phantom{00}}$$



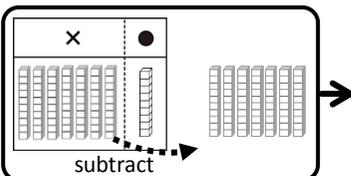
$$㉔ \quad 67 - 40 = \boxed{\phantom{00}}$$



$$㉕ \quad 42 - 10 = \boxed{\phantom{00}}$$



$$㉖ \quad 79 - 70 = \boxed{\phantom{00}}$$



Example Write the answer in the .

$$\boxed{39} - \boxed{20} = \boxed{19}$$



Good!

Exercise Write the answer in the .

$$\textcircled{1} \boxed{45} - \boxed{30} = \boxed{\phantom{00}}$$

$$\textcircled{2} \boxed{34} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{3} \boxed{54} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{4} \boxed{66} - \boxed{50} = \boxed{\phantom{00}}$$

$$\textcircled{5} \boxed{26} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{6} \boxed{72} - \boxed{30} = \boxed{\phantom{00}}$$

$$\textcircled{7} \boxed{78} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{8} \boxed{63} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{9} \boxed{71} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{10} \boxed{56} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{11} \boxed{59} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{12} \boxed{68} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{13} \boxed{75} - \boxed{50} = \boxed{\phantom{00}}$$

$$\textcircled{14} \boxed{37} - \boxed{10} = \boxed{\phantom{00}}$$

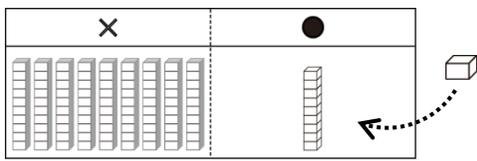
$$\textcircled{15} \boxed{64} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{16} \boxed{77} - \boxed{20} = \boxed{\phantom{00}}$$

Let's look at how to write the number 1 more than 99.



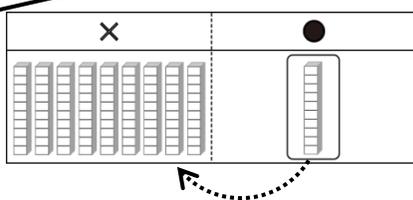
99



The number of increases by 1 below the of 99.



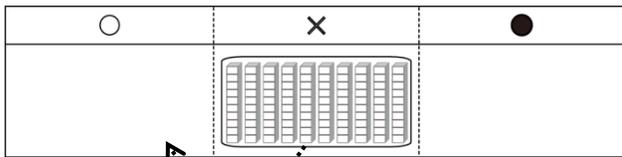
The number of below becomes 10. We move the set below .



The number of increases by 1 set below .



The number of below becomes 10, so we make a new place of .



100 is a number which has below . There is nothing below and , so they are 0.

1 0 0



Let's read 100.



100

*hundred*

*hundred*



We read 101 as 100 and 1.



*hundred one*

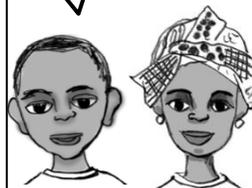
101

100

1

*hundred one*

It is easy because it's 100 and 1.



The numbers from 102 increases by one.



*hundred two*

102

100

2

*hundred two*

*hundred three*

103

100

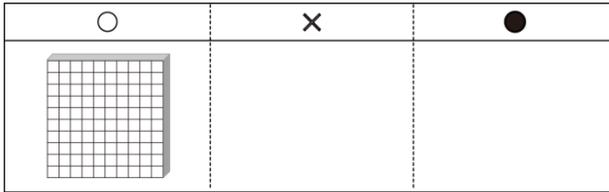
3

*hundred three*

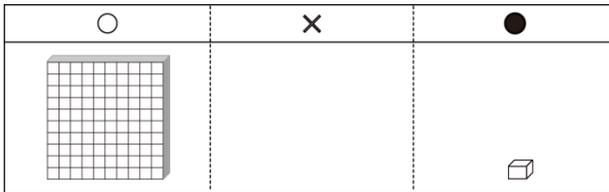


Check how to write and read the numbers below.

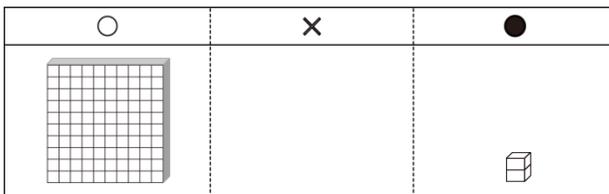
Count the  and write the number in .



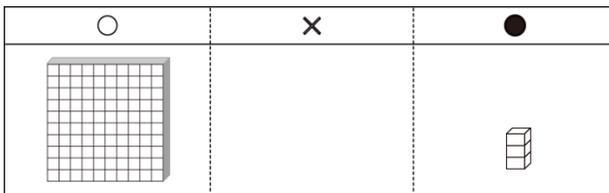
**100**  
*hundred*



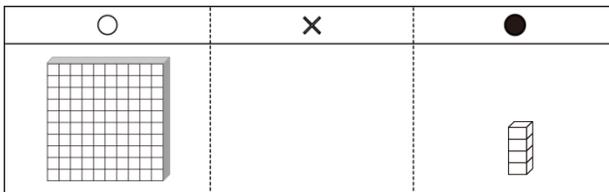
**101**  
*hundred one*



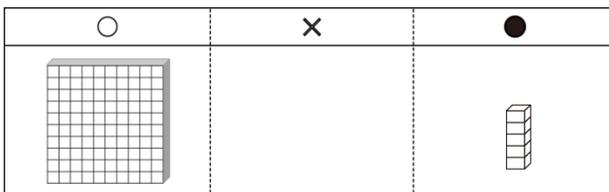
**102**  
*hundred two*



**103**  
*hundred three*



**104**  
*hundred four*

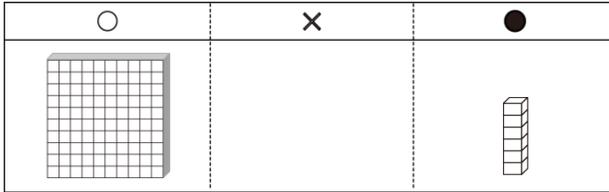


**105**  
*hundred five*

Let's read aloud the "number" shown above one by one.

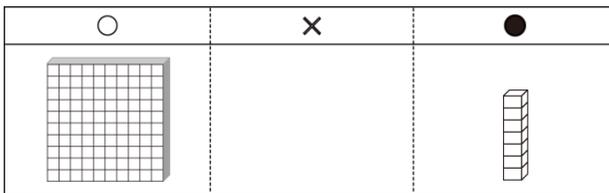
Check how to write and read the numbers below.

Count the  and write the number in .



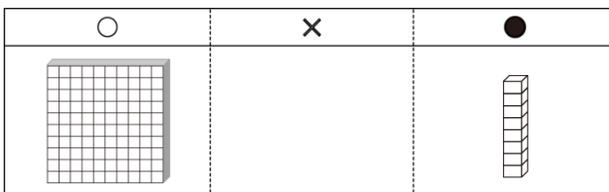
**106**

*hundred six*



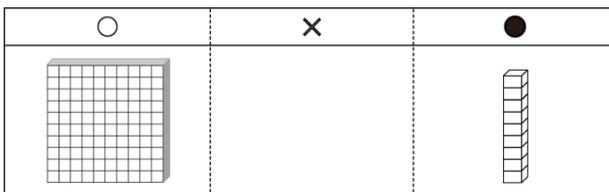
**107**

*hundred seven*



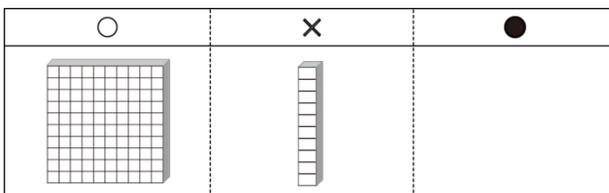
**108**

*hundred eight*



**109**

*hundred nine*



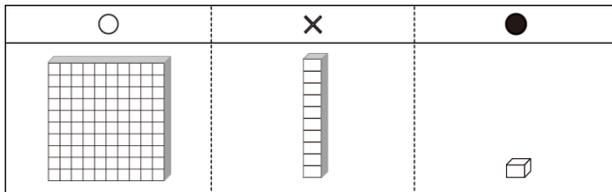
**110**

*hundred ten*

Let's read aloud the "number" shown above one by one.

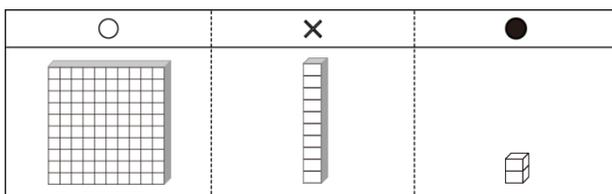
Check how to write and read the numbers below.

Count the  and write the number in .



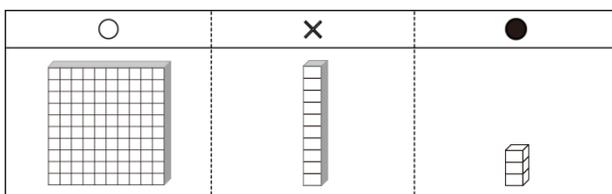
**111**

*hundred eleven*



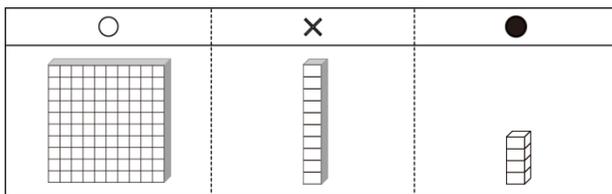
**112**

*hundred twelve*



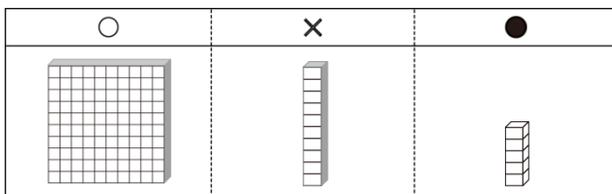
**113**

*hundred thirteen*



**114**

*hundred fourteen*



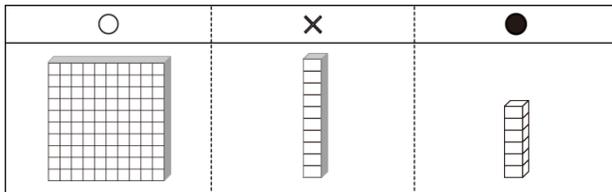
**115**

*hundred fifteen*

Let's read aloud the "number" shown above one by one.

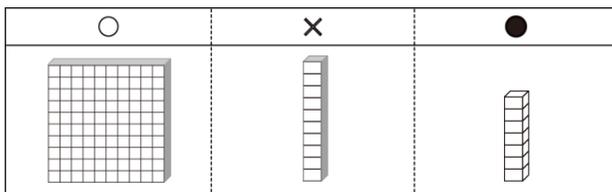
Check how to write and read the numbers below.

Count the  and write the number in .



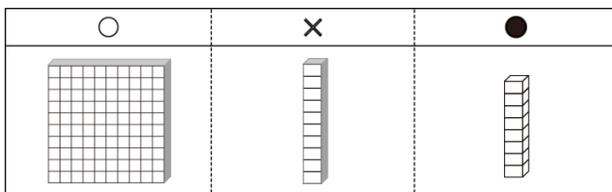
**116**

*hundred sixteen*



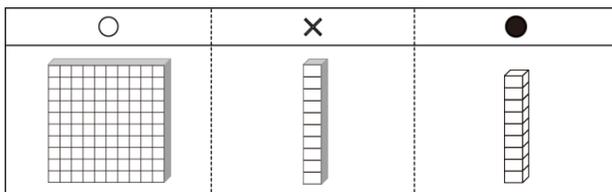
**117**

*hundred seventeen*



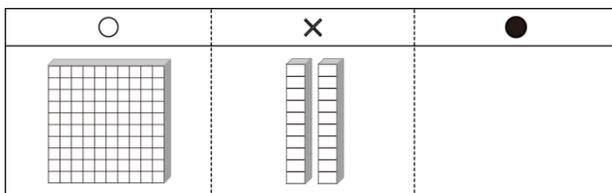
**118**

*hundred eighteen*



**119**

*hundred nineteen*



**120**

*hundred twenty*

Let's read aloud the "number" shown above one by one.

**Example**Write how to read the numbers in .*Good!***100***hundred***101***hundred one***Exercise**Write how to read the numbers in .**100****101****102****103****104****105****106****107****108****109**

## Exercise

Write how to read the numbers in .

110

111

112

113

114

115

116

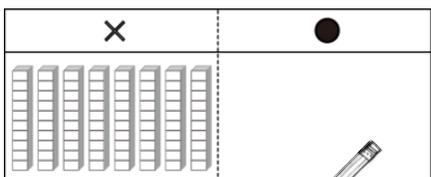
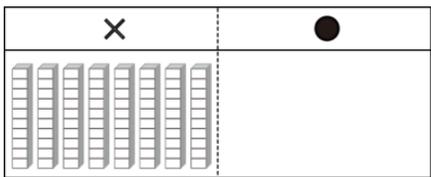
117

118

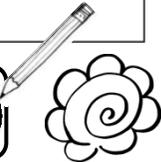
119

120

**Example** Write the answer in the .



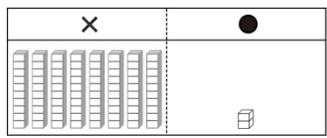

**80**



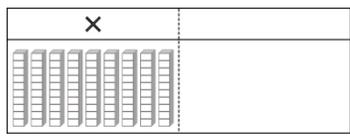
*Good!*

**Exercise** Write the answer in the .

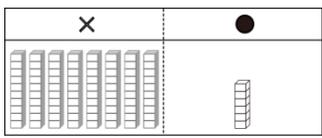
①



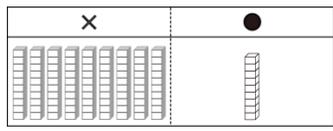

②



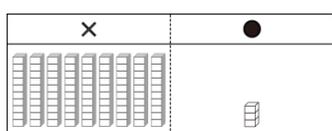

③



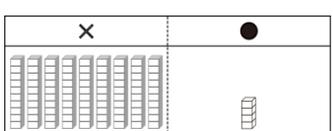

④



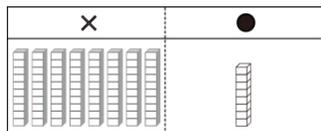

⑤



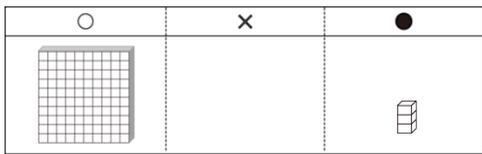

⑥




⑦

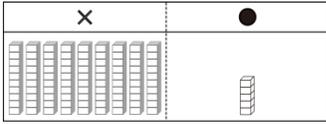



⑧



Exercise Write the answer in the .

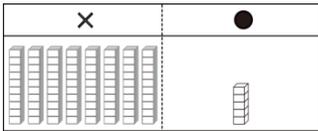
⑨



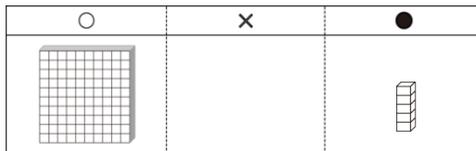

⑩



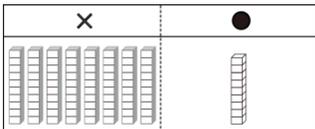

⑪



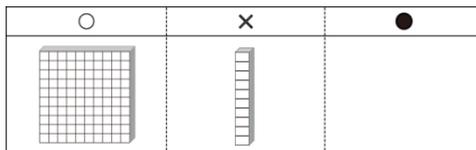

⑫



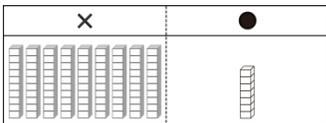

⑬



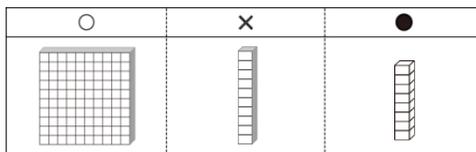

⑭




⑮

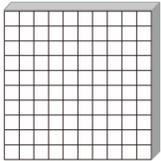
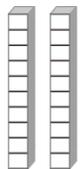



⑯



Let's memorize the names of the place.



1	2	3
○	×	●
		

We read them as follows.

- stands for the set of 1,
- × stands for the set of 10, and
- stands for the set of 100.

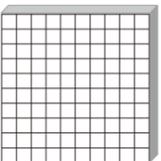
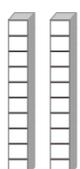
The place below ● is the ones place.

The place below × is the tens place.

The place below ○ is the hundreds place.

We use the initials of them to show the place instead of ●, ×, ○.



1	2	3
h	t	o
		

We can easily find out what do the "h, t, u" mean if we memorize their names.



**Example** Fill in the missing number.



*Good!*

60	61	62	63
70	71		73



60	61	62	63
70	71	<b>72</b>	73



**Exercise** Fill in the missing numbers.

①

80	81	82	83	84		86	87	88	89
90	91		93	94	95	96		98	99

②

70	71	72	73	74
80			83	84
90	91	92	93	94
100	101	102		104
110	111	112		114

③

51	52		54
61	62		64
71	72		74
81	82		84
91	92		94

**Exercise** Fill in the missing numbers.

④

23	24	25	26
33	34	35	36
43			46
53	54	55	56
63	64	65	66
73	74		
83	84	85	86
93			96

⑤

52	53	54	55	56
62		64	65	66
72		74	75	76
82		84		86
92		94		96
102	103	104	105	106

⑥

70	71	72	73	74	75	76			79
80	81	82			85	86	87		89
90	91	92	93	94	95	96	97		99
100	101	102	103	104	105	106	107	108	109



**Example** Draw ○ on the larger number.

66

71

The larger number is **66 71**



66

71

The larger number is **66 71**



*Good!*

**Exercise** Draw ○ on the larger number.

①

67

68

The larger number is **67 68**

②

84

78

The larger number is **84 78**

③

71

83

The larger number is **71 83**

④

69

75

The larger number is **69 75**

⑤

112

94

The larger number is **112 94**

⑥

106

110

The larger number is **106 110**

⑦

77

65

The larger number is **77 65**

⑧

103

86

The larger number is **103 86**

**Example** Draw ○ on the smaller number.

63

71

The smaller number is **63** 71



63

71

The smaller number is **63** 71



**Exercise** Draw ○ on the smaller number.

①

65

66

The smaller number is **65** 66

②

74

68

The smaller number is **74** 68

③

101

96

The smaller number is **101** 96

④

79

85

The smaller number is **79** 85

⑤

92

88

The smaller number is **92** 88

⑥

110

116

The smaller number is **110** 116

⑦

74

68

The smaller number is **74** 68

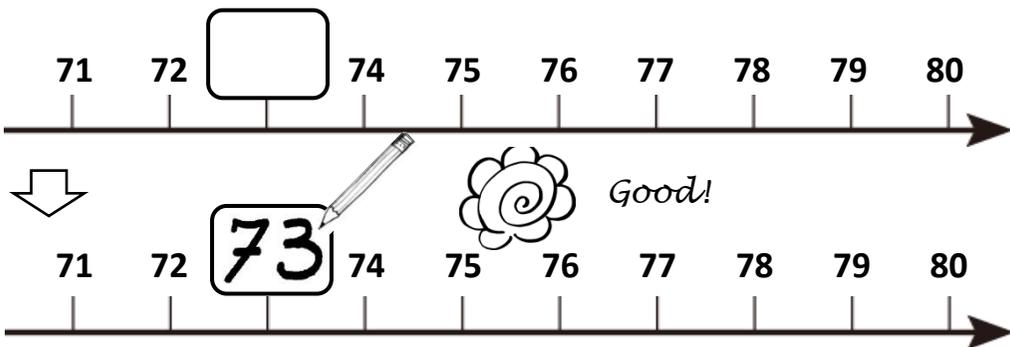
⑧

96

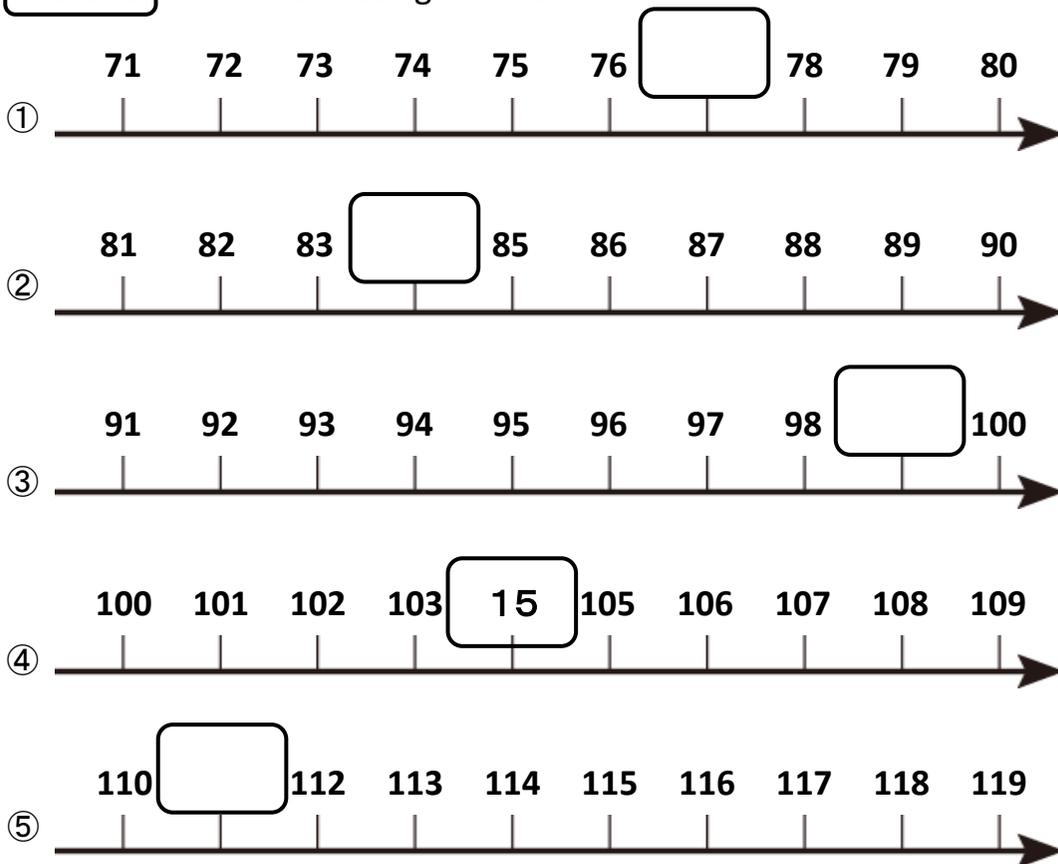
89

The smaller number is **96** 89

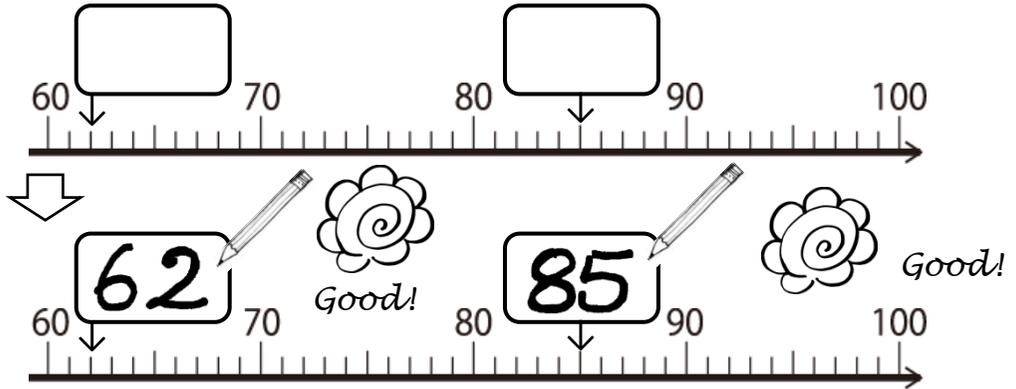
**Example** Fill in the missing number.



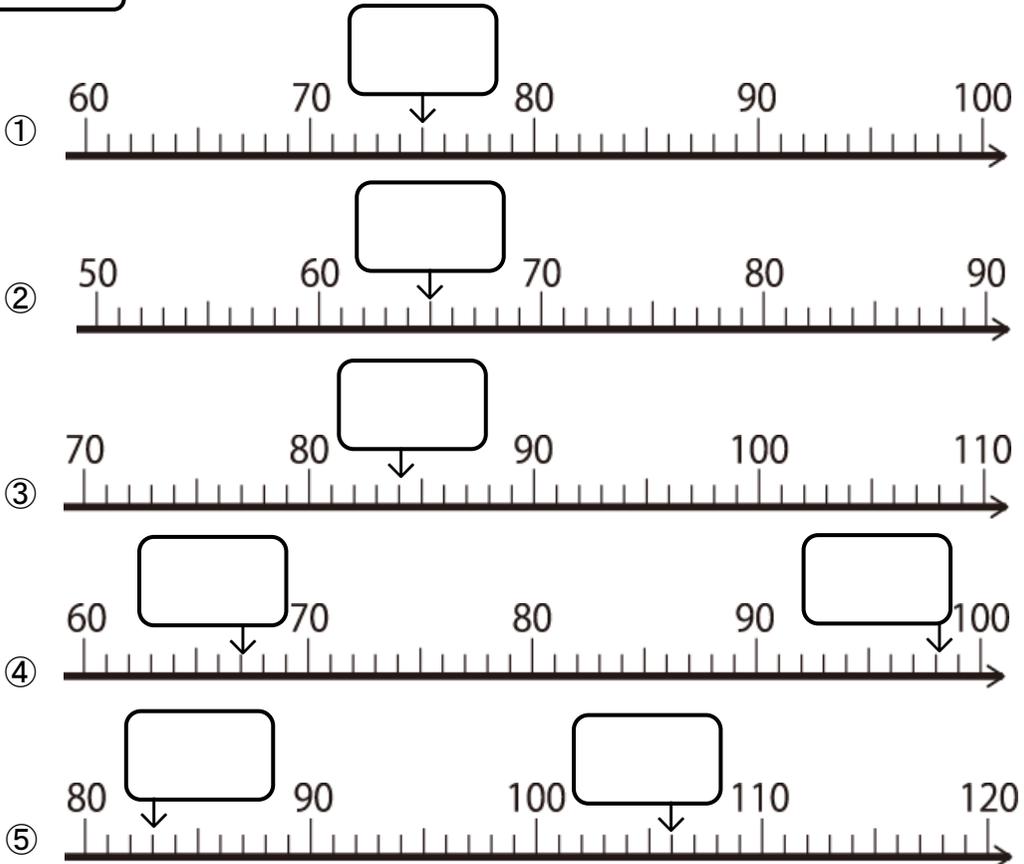
**Exercise** Fill in the missing number.



**Example** Fill in the missing number.



**Exercise** Fill in the missing number.



**Example**

Fill in the missing number. If you don't know the answer, think it using number line.

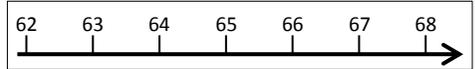
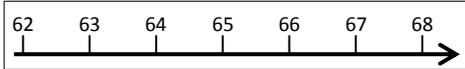
1)  is 3 more than 65.



1)  is 3 more than 65.



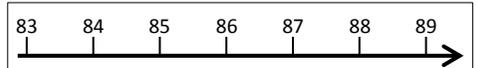
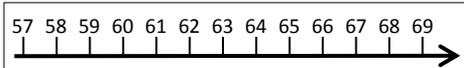
*Good!*

**Exercise**

Fill in the missing number. If you don't know the answer, think it using number line.

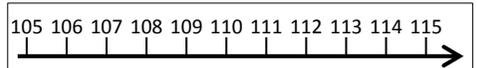
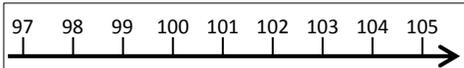
1)  is 6 more than 62.

2)  is 4 more than 84.



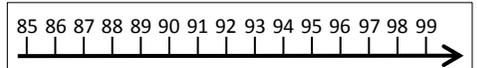
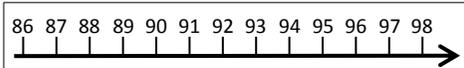
3)  is 4 more than 98.

4)  is 2 more than 109.



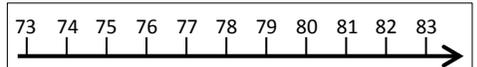
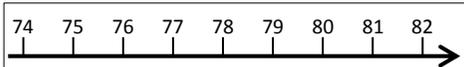
5)  is 6 more than 91.

6)  is 7 more than 91.



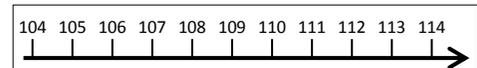
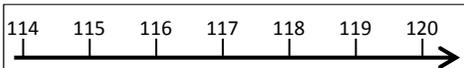
7)  is 4 more than 77.

8)  is 8 more than 74.



9)  is 4 more than 115.

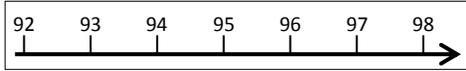
10)  is 5 more than 106.



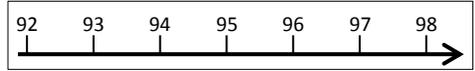
**Example**

Fill in the missing number. If you don't know the answer, think it using number line.

1)  is 3 less than 96.



1) **93** is 3 less than 96.

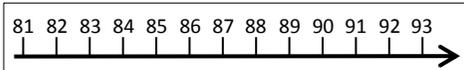


*Good!*

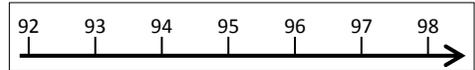
**Exercise**

Fill in the missing number. If you don't know the answer, think it using number line.

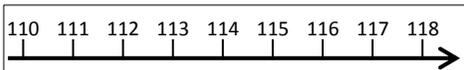
1)  is 7 less than 89.



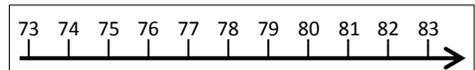
2)  is 4 less than 96.



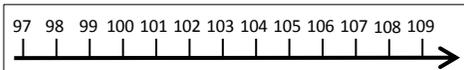
3)  is 1 less than 114.



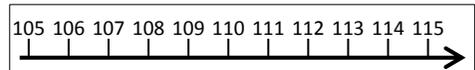
4)  is 5 less than 79.



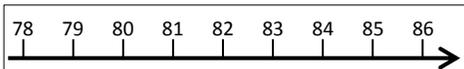
5)  is 6 less than 103.



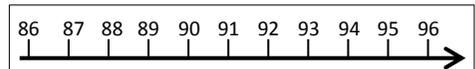
6)  is 2 less than 111.



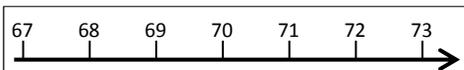
7)  is 3 less than 82.



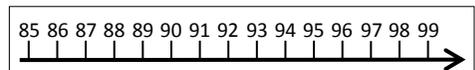
8)  is 4 less than 92.



9)  is 2 less than 71.



10)  is 8 less than 96.



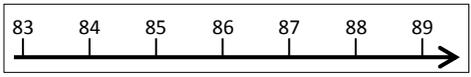
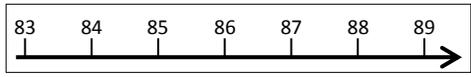
**Example**

Fill in the missing number. If you don't know the answer, think it using number line. *Good!*

1) 87 is  more than 84.



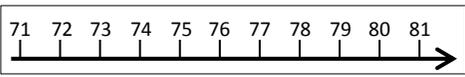
1) 87 is  more than 84.



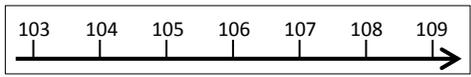
**Exercise**

Fill in the missing number. If you don't know the answer, think it using number line.

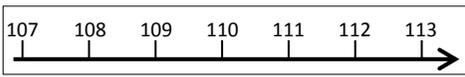
1) 76 is  more than 72.



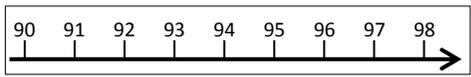
2) 106 is  more than 104.



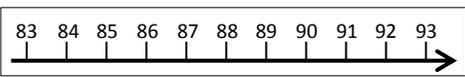
3) 110 is  more than 108.



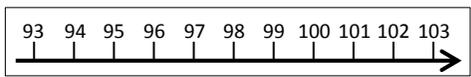
4) 96 is  more than 91.



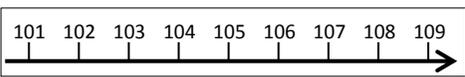
5) 88 is  more than 84.



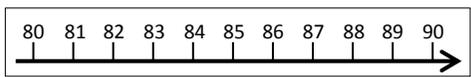
6) 101 is  more than 98.



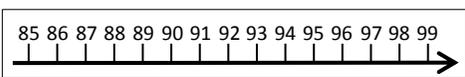
7) 107 is  more than 102.



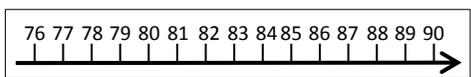
8) 87 is  more than 81.



9) 94 is  more than 87.



10) 83 is  more than 77.



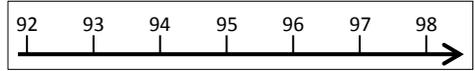
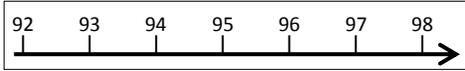
**Example**

Fill in the missing number. If you don't know the answer, think it using number line.

1) 94 is  less than 97.



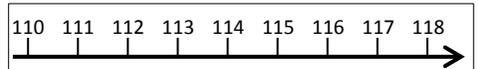
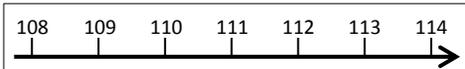
1) 94 is  less than 97.

**Exercise**

Fill in the missing number. If you don't know the answer, think it using number line.

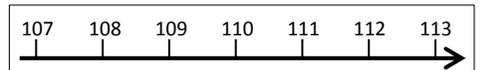
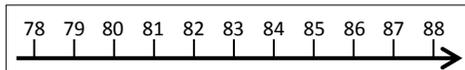
1) 111 is  less than 113.

2) 114 is  less than 117.



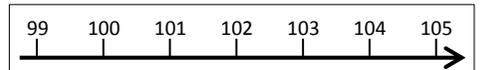
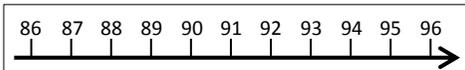
3) 83 is  less than 87.

4) 110 is  less than 112.



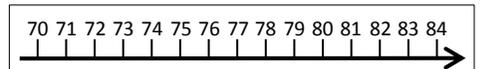
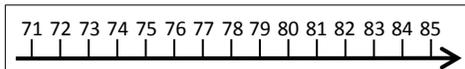
5) 91 is  less than 95.

6) 100 is  less than 104.



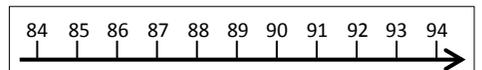
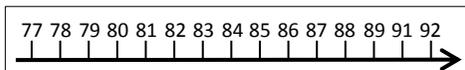
7) 78 is  less than 84.

8) 76 is  less than 83.



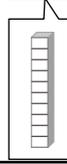
9) 81 is  less than 87.

10) 88 is  less than 92.



**Example** Write the answer in the .

The number which is made of 8  is



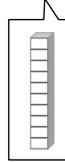
*Good!*

**Exercise** Fill in the missing number.

① The number which is made of 9  is .



② The number which is made of 11  is .



③ The number which is made of 8  is .

④ The number which is made of 12  is .

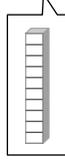
⑤ The number which is made of 10  is .

⑥ The number which is made of 11  is .

**Example** Fill in the missing number.

The number which is made of 9  and 5  is

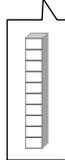
**95**.



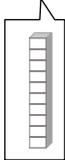
*Good!*

**Exercise** Fill in the missing number.

① The number which is made of 8  and 7  is




② The number which is made of 9  and 9  is




③ The number which is made of 10  and 4  is

④ The number which is made of 11  and 5  is

⑤ The number which is made of 9  and 8  is

⑥ The number which is made of 8  and 0  is

**Example** Fill in the missing number.

The number which is made of

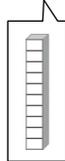
6

10

is 60.



*Good!*

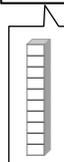


**Exercise** Fill in the missing number.

① The number which is made of

10

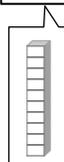
is 80.



② The number which is made of

10

is 110.



③ The number which is made of

10

is 90.

④ The number which is made of

10

is 120.

⑤ The number which is made of

10

is 80.

⑥ The number which is made of

10

is 100.

**Example** Fill in the missing number.

The number which is made of

**8**

10

and

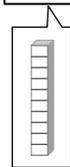
**5**

1

is 25.



*Good!*



**Exercise** Fill in the missing number.

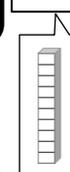
① The number which is made of

10

and

1

is 56.



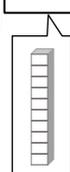
② The number which is made of

10

and

1

is 28.



③ The number which is made of

10

and

1

is 43.

④ The number which is made of

10

and

1

is 61.

⑤ The number which is made of

10

and

1

is 55.

⑥ The number which is made of

10

and

1

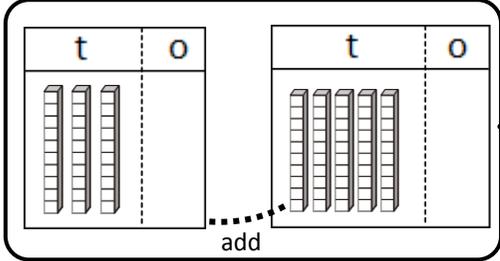
is 79.

Example Write the answer in the .

$$30 + 50 = 80$$

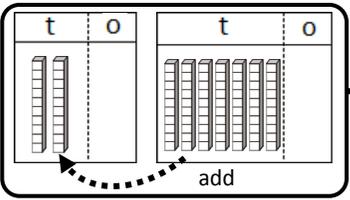


Good!

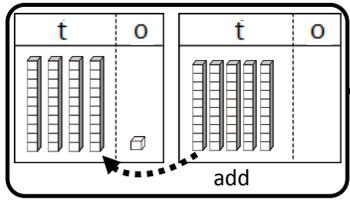


Exercise Write the answer in the .

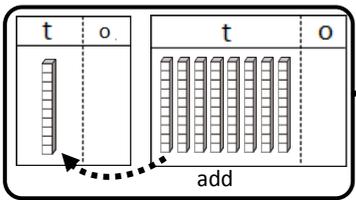
①  $20 + 70 =$



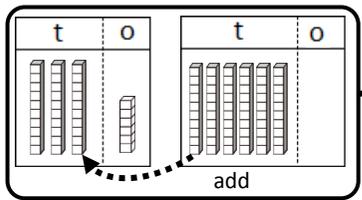
②  $41 + 50 =$



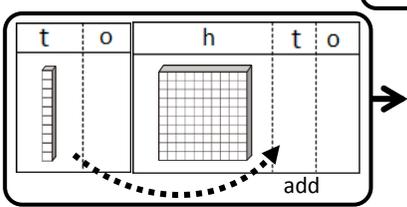
③  $10 + 80 =$



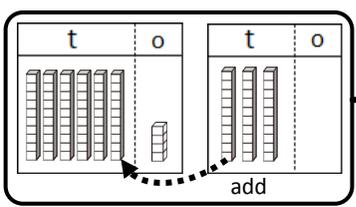
④  $36 + 60 =$



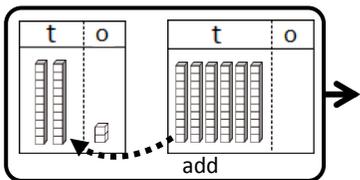
⑤  $10 + 100 =$



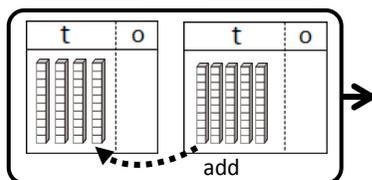
⑥  $64 + 30 =$



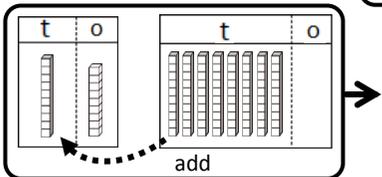
⑦  $22 + 60 = \square$



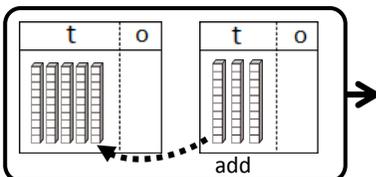
⑧  $40 + 50 = \square$



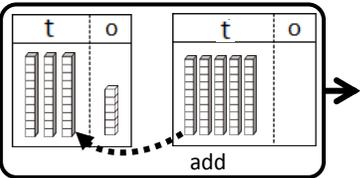
⑨  $19 + 80 = \square$



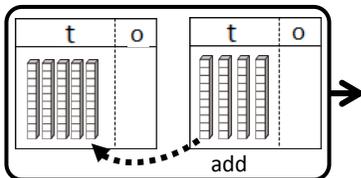
⑩  $50 + 30 = \square$



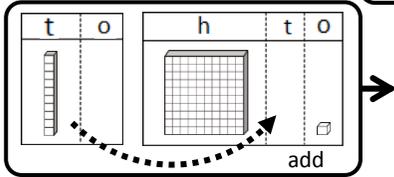
⑪  $36 + 50 = \square$



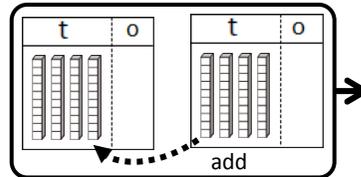
⑫  $50 + 40 = \square$



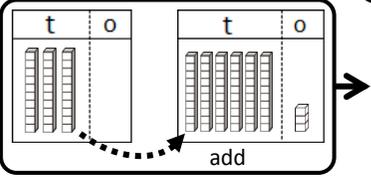
⑬  $10 + 101 = \square$



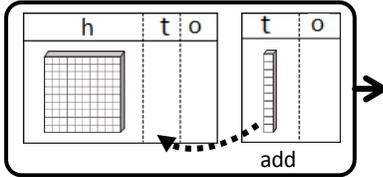
⑭  $40 + 40 = \square$



⑮  $30 + 63 = \square$



⑯  $100 + 10 = \square$



Example Write the answer in the .

$$\boxed{30} + \boxed{50} = \boxed{80}$$



Good!

Exercise Write the answer in the .

$$\textcircled{1} \boxed{50} + \boxed{30} = \boxed{\phantom{00}}$$

$$\textcircled{2} \boxed{24} + \boxed{70} = \boxed{\phantom{00}}$$

$$\textcircled{3} \boxed{100} + \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{4} \boxed{43} + \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{5} \boxed{40} + \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{6} \boxed{40} + \boxed{51} = \boxed{\phantom{00}}$$

$$\textcircled{7} \boxed{40} + \boxed{50} = \boxed{\phantom{00}}$$

$$\textcircled{8} \boxed{70} + \boxed{18} = \boxed{\phantom{00}}$$

$$\textcircled{9} \boxed{20} + \boxed{100} = \boxed{\phantom{00}}$$

$$\textcircled{10} \boxed{63} + \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{11} \boxed{30} + \boxed{60} = \boxed{\phantom{00}}$$

$$\textcircled{12} \boxed{25} + \boxed{70} = \boxed{\phantom{00}}$$

$$\textcircled{13} \boxed{30} + \boxed{50} = \boxed{\phantom{00}}$$

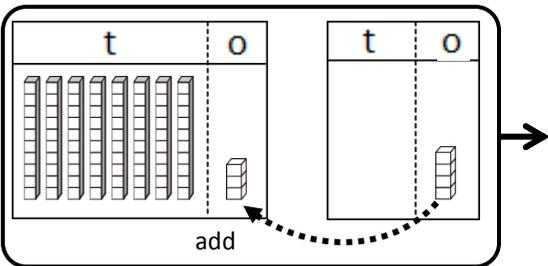
$$\textcircled{14} \boxed{30} + \boxed{65} = \boxed{\phantom{00}}$$

$$\textcircled{15} \boxed{20} + \boxed{60} = \boxed{\phantom{00}}$$

$$\textcircled{16} \boxed{40} + \boxed{52} = \boxed{\phantom{00}}$$

Example Write the answer in the .

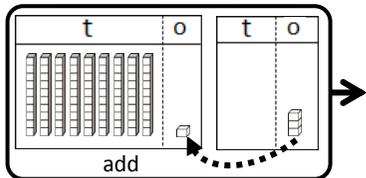
$$\boxed{83} + \boxed{4} = \boxed{87}$$



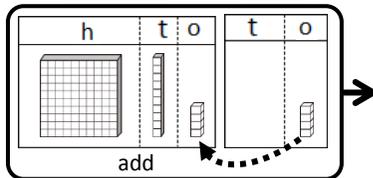
Good!

Exercise Write the answer in the .

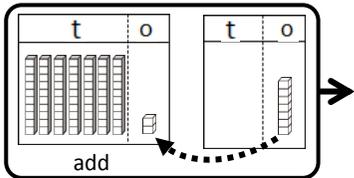
①  $\boxed{91} + \boxed{3} = \boxed{\phantom{00}}$



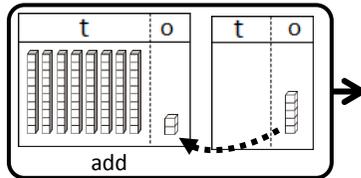
②  $\boxed{114} + \boxed{4} = \boxed{\phantom{00}}$



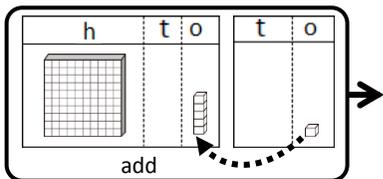
③  $\boxed{72} + \boxed{7} = \boxed{\phantom{00}}$



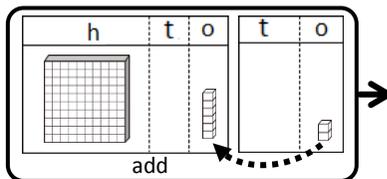
④  $\boxed{82} + \boxed{5} = \boxed{\phantom{00}}$



⑤  $\boxed{105} + \boxed{1} = \boxed{\phantom{00}}$

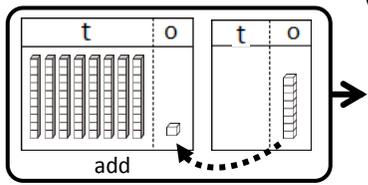


⑥  $\boxed{106} + \boxed{2} = \boxed{\phantom{00}}$

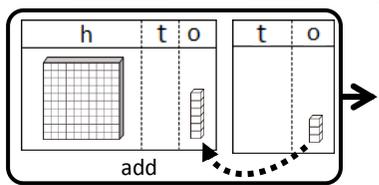


Exercise Write the answer in the

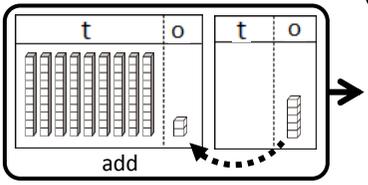
⑦ 81 + 8 =



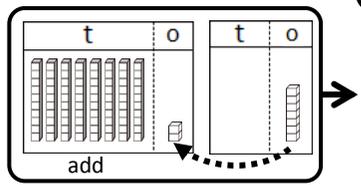
⑧ 106 + 3 =



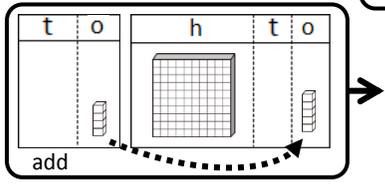
⑨ 92 + 5 =



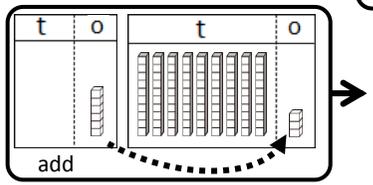
⑩ 82 + 7 =



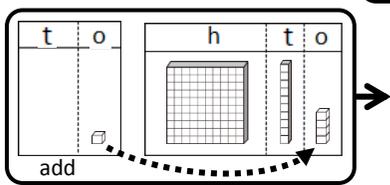
⑪ 4 + 105 =



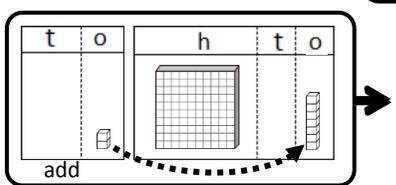
⑫ 6 + 93 =



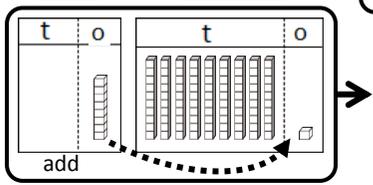
⑬ 1 + 114 =



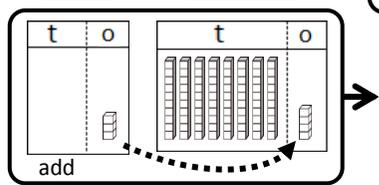
⑭ 2 + 107 =



⑮ 8 + 91 =



⑯ 3 + 84 =



Example Write the answer in the .

$$\boxed{88} + \boxed{1} = \boxed{89}$$



*Good!*

Exercise Write the answer in the .

①  $\boxed{86} + \boxed{1} = \boxed{\phantom{00}}$

②  $\boxed{82} + \boxed{5} = \boxed{\phantom{00}}$

③  $\boxed{95} + \boxed{3} = \boxed{\phantom{00}}$

④  $\boxed{115} + \boxed{4} = \boxed{\phantom{00}}$

⑤  $\boxed{7} + \boxed{101} = \boxed{\phantom{00}}$

⑥  $\boxed{2} + \boxed{96} = \boxed{\phantom{00}}$

⑦  $\boxed{4} + \boxed{114} = \boxed{\phantom{00}}$

⑧  $\boxed{1} + \boxed{107} = \boxed{\phantom{00}}$

⑨  $\boxed{93} + \boxed{2} = \boxed{\phantom{00}}$

⑩  $\boxed{86} + \boxed{2} = \boxed{\phantom{00}}$

⑪  $\boxed{84} + \boxed{2} = \boxed{\phantom{00}}$

⑫  $\boxed{106} + \boxed{3} = \boxed{\phantom{00}}$

⑬  $\boxed{1} + \boxed{118} = \boxed{\phantom{00}}$

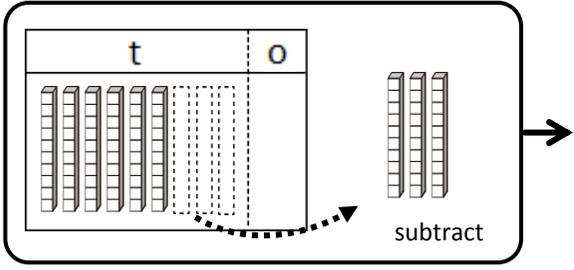
⑭  $\boxed{6} + \boxed{81} = \boxed{\phantom{00}}$

⑮  $\boxed{7} + \boxed{101} = \boxed{\phantom{00}}$

⑯  $\boxed{3} + \boxed{94} = \boxed{\phantom{00}}$

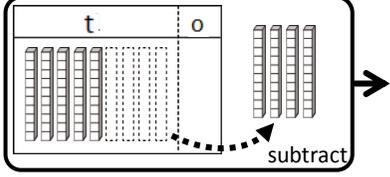
Example Write the answer in the .

$$\boxed{90} - \boxed{30} = \boxed{60}$$

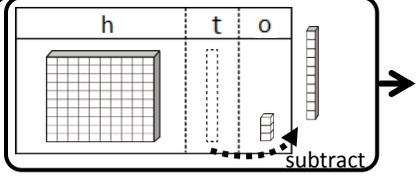


Exercise Write the answer in the .

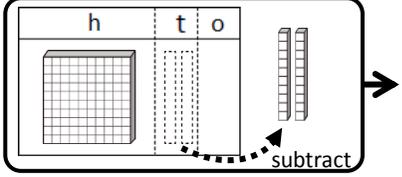
①  $\boxed{90} - \boxed{40} = \boxed{\phantom{00}}$



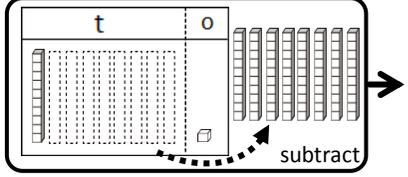
②  $\boxed{113} - \boxed{10} = \boxed{\phantom{000}}$



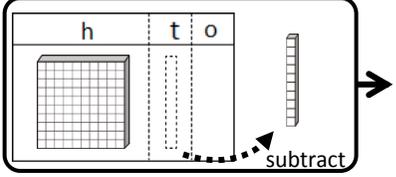
③  $\boxed{120} - \boxed{20} = \boxed{\phantom{00}}$



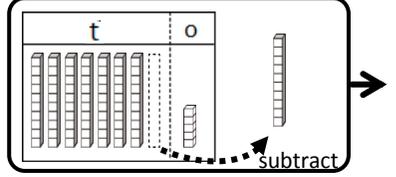
④  $\boxed{91} - \boxed{80} = \boxed{\phantom{00}}$



⑤  $\boxed{110} - \boxed{10} = \boxed{\phantom{00}}$

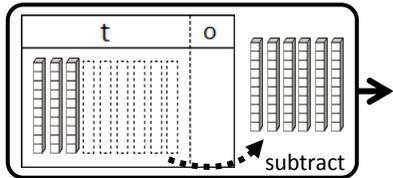


⑥  $\boxed{85} - \boxed{10} = \boxed{\phantom{00}}$

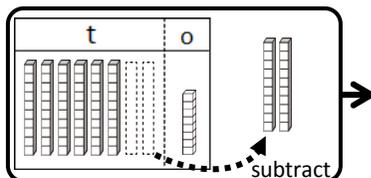


Exercise Write the answer in the .

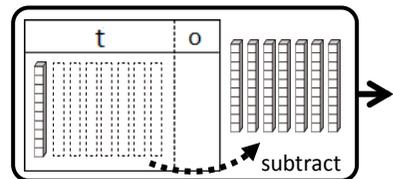
$$\textcircled{7} \quad 90 - 60 = \square$$



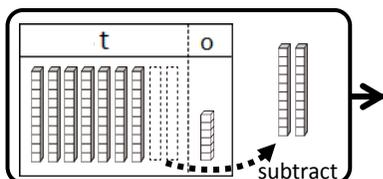
$$\textcircled{8} \quad 88 - 20 = \square$$



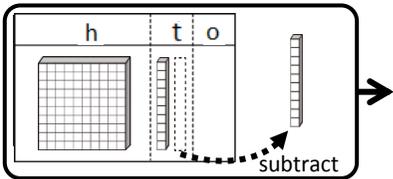
$$\textcircled{9} \quad 80 - 70 = \square$$



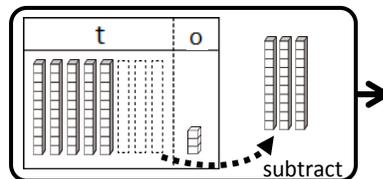
$$\textcircled{10} \quad 96 - 20 = \square$$



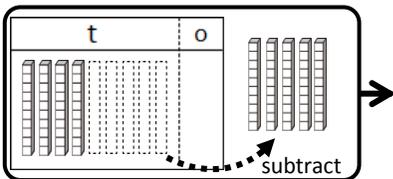
$$\textcircled{11} \quad 120 - 10 = \square$$



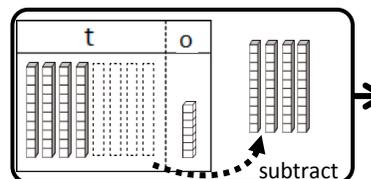
$$\textcircled{12} \quad 83 - 30 = \square$$



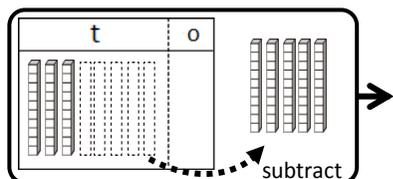
$$\textcircled{13} \quad 90 - 50 = \square$$



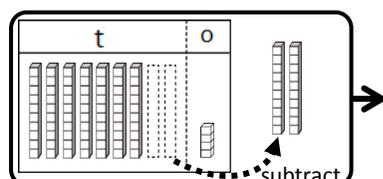
$$\textcircled{14} \quad 87 - 40 = \square$$



$$\textcircled{15} \quad 80 - 50 = \square$$



$$\textcircled{16} \quad 94 - 20 = \square$$



Example Write the answer in the .

$$\boxed{90} - \boxed{80} = \boxed{10}$$



Good!

Exercise Write the answer in the .

$$\textcircled{1} \boxed{90} - \boxed{30} = \boxed{\phantom{00}}$$

$$\textcircled{2} \boxed{84} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{3} \boxed{120} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{4} \boxed{116} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{5} \boxed{110} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{6} \boxed{92} - \boxed{30} = \boxed{\phantom{00}}$$

$$\textcircled{7} \boxed{90} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{8} \boxed{83} - \boxed{20} = \boxed{\phantom{00}}$$

$$\textcircled{9} \boxed{80} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{10} \boxed{96} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{11} \boxed{80} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{12} \boxed{88} - \boxed{40} = \boxed{\phantom{00}}$$

$$\textcircled{13} \boxed{70} - \boxed{50} = \boxed{\phantom{00}}$$

$$\textcircled{14} \boxed{117} - \boxed{10} = \boxed{\phantom{00}}$$

$$\textcircled{15} \boxed{120} - \boxed{10} = \boxed{\phantom{00}}$$

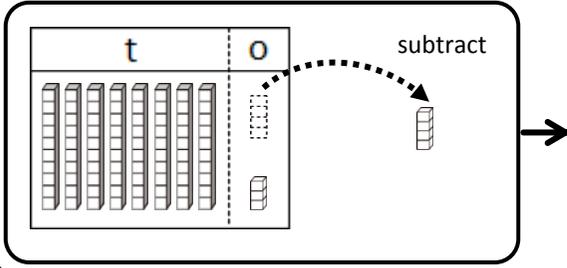
$$\textcircled{16} \boxed{89} - \boxed{20} = \boxed{\phantom{00}}$$

Example Write the answer in the .

$$\boxed{87} - \boxed{4} = \boxed{83}$$

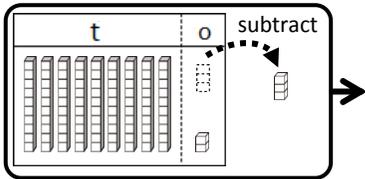


Good!

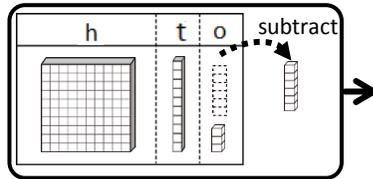


Exercise Write the answer in the .

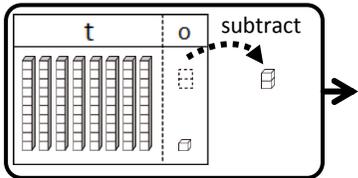
①  $\boxed{95} - \boxed{3} = \boxed{\phantom{00}}$



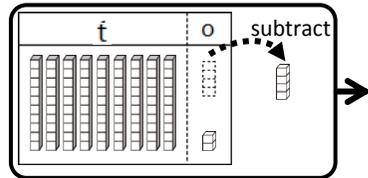
②  $\boxed{119} - \boxed{6} = \boxed{\phantom{000}}$



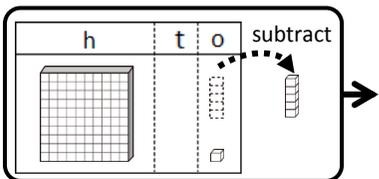
③  $\boxed{83} - \boxed{2} = \boxed{\phantom{00}}$



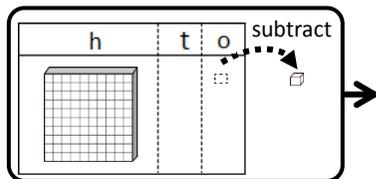
④  $\boxed{96} - \boxed{4} = \boxed{\phantom{00}}$



⑤  $\boxed{106} - \boxed{5} = \boxed{\phantom{000}}$

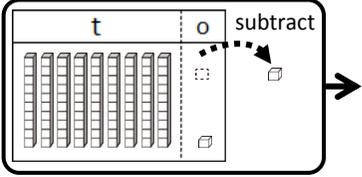


⑥  $\boxed{101} - \boxed{1} = \boxed{\phantom{000}}$

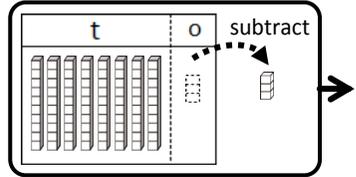


Exercise Write the answer in the

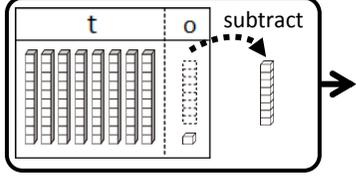
⑦ 92 - 1 =



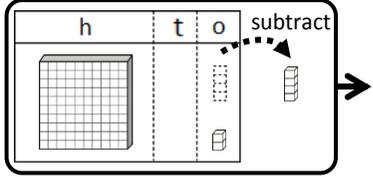
⑧ 83 - 3 =



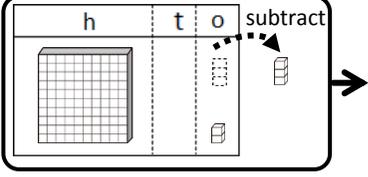
⑨ 89 - 8 =



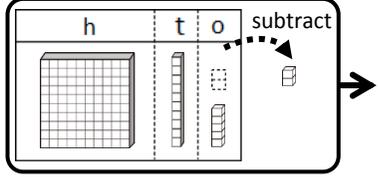
⑩ 106 - 4 =



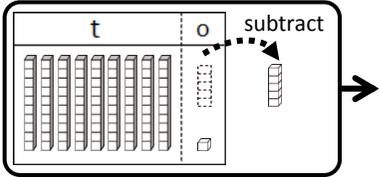
⑪ 105 - 3 =



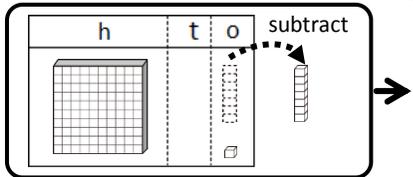
⑫ 117 - 2 =



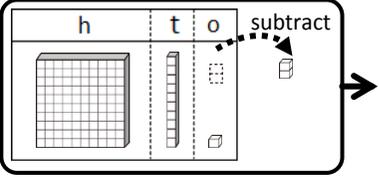
⑬ 96 - 5 =



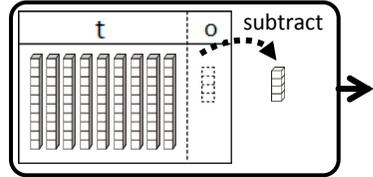
⑭ 108 - 7 =



⑮ 113 - 2 =



⑯ 94 - 4 =



Example Write the answer in the .

$$\boxed{89} - \boxed{3} = \boxed{86}$$



*Good!*

Exercise Write the answer in the .

①  $\boxed{86} - \boxed{2} = \boxed{\phantom{00}}$

②  $\boxed{97} - \boxed{1} = \boxed{\phantom{00}}$

③  $\boxed{103} - \boxed{3} = \boxed{\phantom{00}}$

④  $\boxed{108} - \boxed{6} = \boxed{\phantom{00}}$

⑤  $\boxed{85} - \boxed{1} = \boxed{\phantom{00}}$

⑥  $\boxed{99} - \boxed{3} = \boxed{\phantom{00}}$

⑦  $\boxed{95} - \boxed{4} = \boxed{\phantom{00}}$

⑧  $\boxed{102} - \boxed{2} = \boxed{\phantom{00}}$

⑨  $\boxed{118} - \boxed{7} = \boxed{\phantom{00}}$

⑩  $\boxed{114} - \boxed{3} = \boxed{\phantom{00}}$

⑪  $\boxed{86} - \boxed{5} = \boxed{\phantom{00}}$

⑫  $\boxed{94} - \boxed{2} = \boxed{\phantom{00}}$

⑬  $\boxed{101} - \boxed{1} = \boxed{\phantom{00}}$

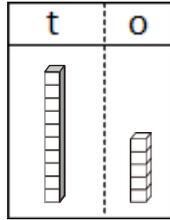
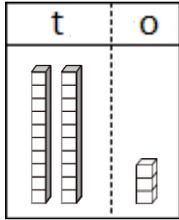
⑭  $\boxed{97} - \boxed{7} = \boxed{\phantom{00}}$

⑮  $\boxed{98} - \boxed{1} = \boxed{\phantom{00}}$

⑯  $\boxed{113} - \boxed{1} = \boxed{\phantom{00}}$

Let's add big numbers.

$$23 + 15$$

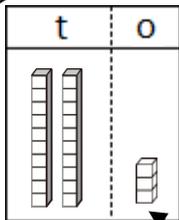


There are numbers of both "t" and "o".

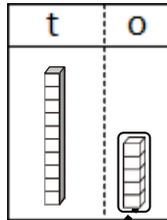


First, add the numbers of "o".

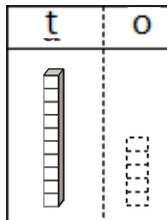
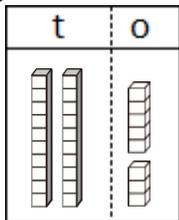
$$23 + 15$$



add



Because  
 $3 + 5 = 8$ ,  
 the number  
 of "o" is 8.





"t" means , "h" means .

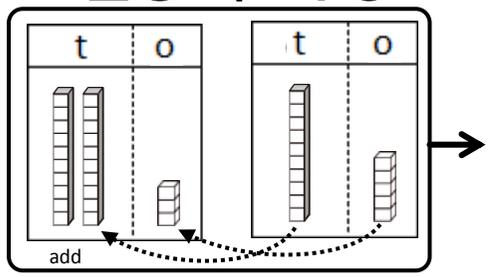
Example Write the answer in the .

$23 + 15 =$

**38**



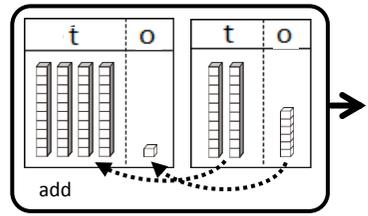
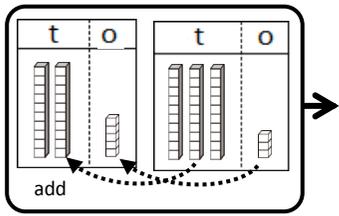
Good!



Exercise Write the answer in the .

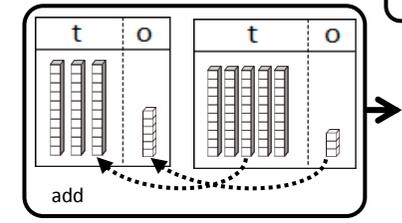
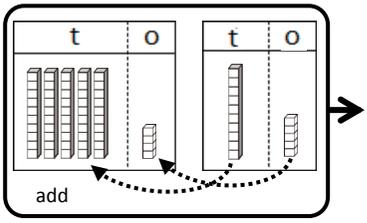
①  $25 + 33 =$

②  $41 + 26 =$



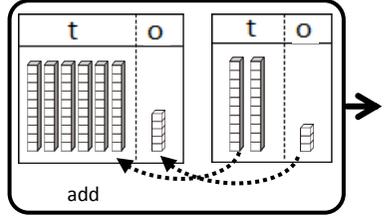
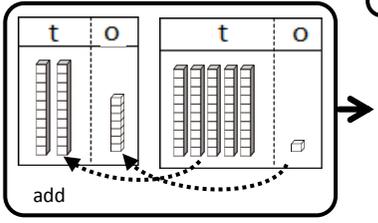
③  $54 + 15 =$

④  $36 + 53 =$



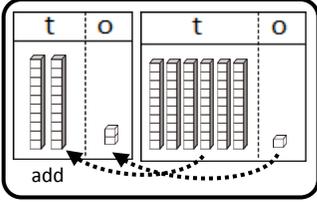
⑤  $27 + 51 =$

⑥  $64 + 22 =$

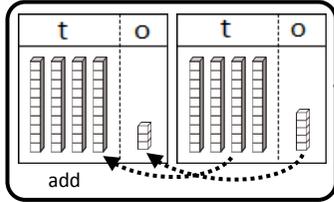


Exercise Write the answer in the .

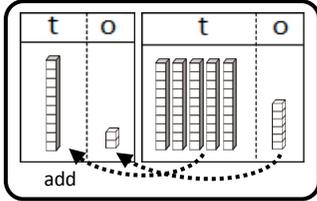
$$\textcircled{7} 22 + 61 = \text{ } \square$$



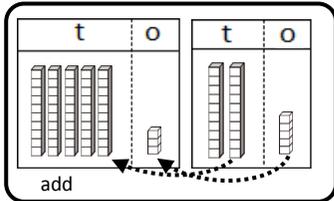
$$\textcircled{8} 43 + 45 = \text{ } \square$$



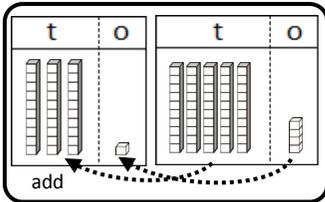
$$\textcircled{9} 12 + 56 = \text{ } \square$$



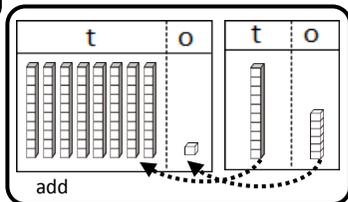
$$\textcircled{10} 53 + 25 = \text{ } \square$$



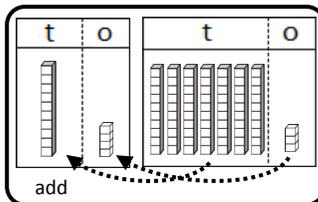
$$\textcircled{11} 31 + 54 = \text{ } \square$$



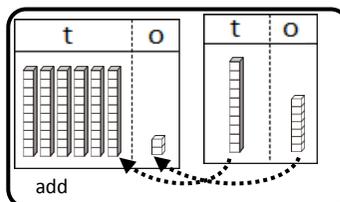
$$\textcircled{12} 81 + 16 = \text{ } \square$$



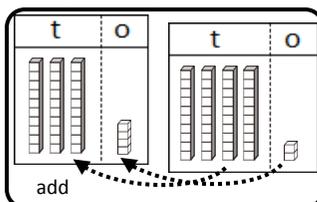
$$\textcircled{13} 14 + 73 = \text{ } \square$$



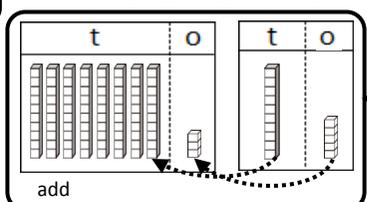
$$\textcircled{14} 62 + 17 = \text{ } \square$$



$$\textcircled{15} 34 + 42 = \text{ } \square$$



$$\textcircled{16} 83 + 15 = \text{ } \square$$



"t" means  $\times$ , "h" means  $\square$ .

Let me show you a new method of addition. Let's write the numbers vertically.



$$23 + 15$$

t	o	t	o
2	3		
+	1		

When we write the addition vertically, it is easy to recognize which numbers should be added.



We add the numbers of "t" and "o" respectively.



$$23 + 15$$

t	o	t	o
2	3		
+	1		
<hr/>			

Good!

The "o" is  $3 + 5$  and the "t" is  $2 + 1$ .



"t" means , "h" means .

Let's calculate  $23 + 4$ . Where should we write 4?



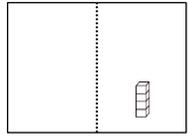
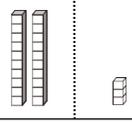
$$23 + 4$$

t	o
---	---

23

$$+ \quad \boxed{\phantom{00}}$$

t	o
---	---



4 does not have anything at the "t".



We write 4 at the "o".

We right addition align to the right.



$$23 + 4$$

t	o
---	---

23

$$+ \quad \boxed{\phantom{00}} \quad 4$$



$$23 + 4$$

t	o
---	---

23

$$+ \quad \boxed{\phantom{00}} \quad 4$$



$$\boxed{\phantom{00}} \quad \boxed{\phantom{00}}$$



Good!

$$\boxed{27}$$

We can just add the "t" and "o" respectively.

Example Tick the correct answer.

$$32 + 4$$

	3	2
+	4	
<hr/>		
	7	2

	3	2
+		4
<hr/>		
	3	6



Good!

Exercise Tick the correct answer.

①  $61 + 3$

	6	1
+		3
<hr/>		
	6	4

	6	1
+	3	
<hr/>		
	9	1

②  $2 + 35$

	2	
+	3	5
<hr/>		
	5	5

		2
+	3	5
<hr/>		
	3	7

③  $50 + 24$

		5
+	2	4
<hr/>		
	2	9

	5	0
+	2	4
<hr/>		
	7	4

④  $42 + 30$

	4	2
+	3	0
<hr/>		
	7	2

	4	2
+		3
<hr/>		
	4	5

Example Write the answer in the .

$$23 + 15$$

	t	o
2	3	
+	1	5
<hr/>		
<input type="text"/>		

$$23 + 15$$



	t	o
2	3	
+	1	5
<hr/>		
38		

Good!

Exercise Write the answer in the .

①  $12 + 24$

	t	o
1	2	
+	2	4
<hr/>		
<input type="text"/>		

②  $21 + 34$

	t	o
2	1	
+	3	4
<hr/>		
<input type="text"/>		

③  $32 + 16$

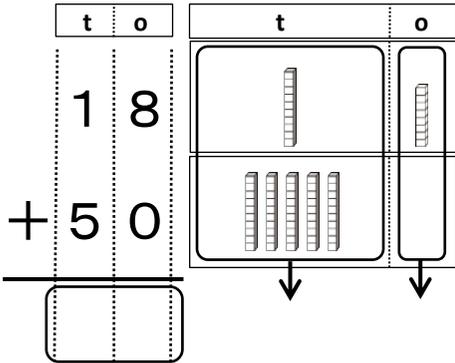
	t	o
3	2	
+	1	6
<hr/>		
<input type="text"/>		

④  $62 + 5$

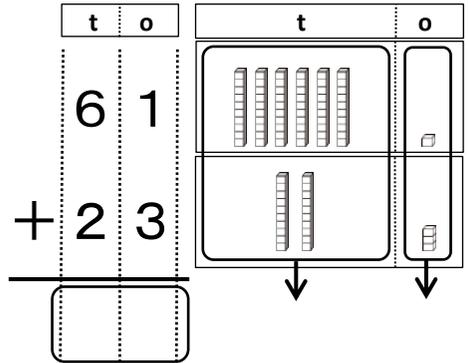
	t	o
6	2	
+		5
<hr/>		
<input type="text"/>		

Exercise Write the answer in the .

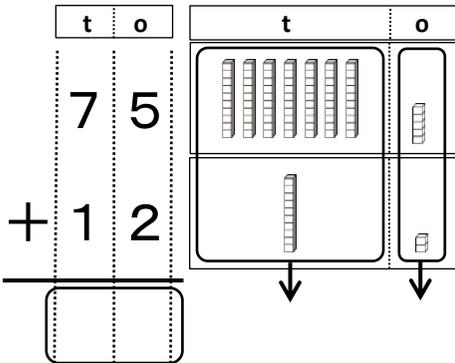
⑤  $18 + 50$



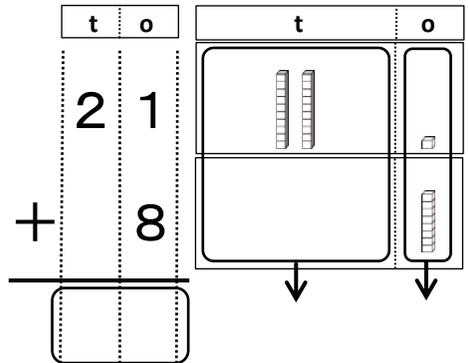
⑥  $61 + 23$



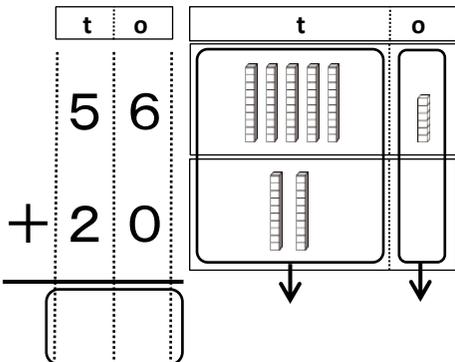
⑦  $75 + 12$



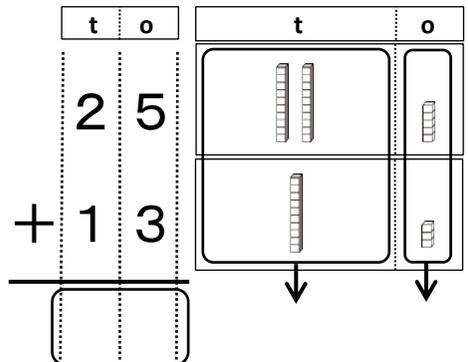
⑧  $21 + 8$



⑨  $56 + 20$

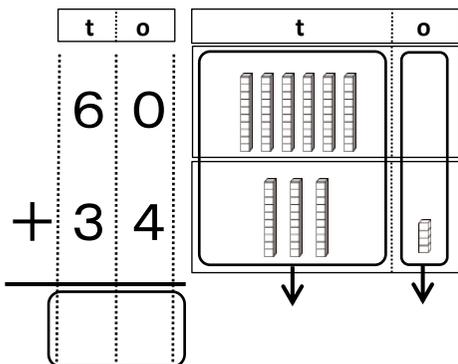


⑩  $25 + 13$

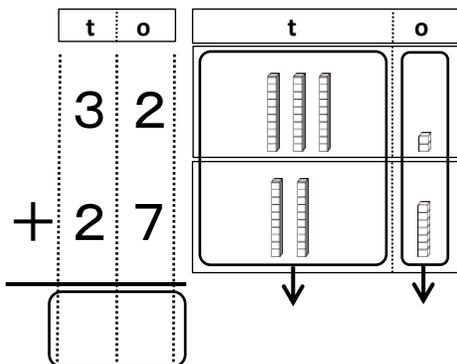


Exercise Write the answer in the .

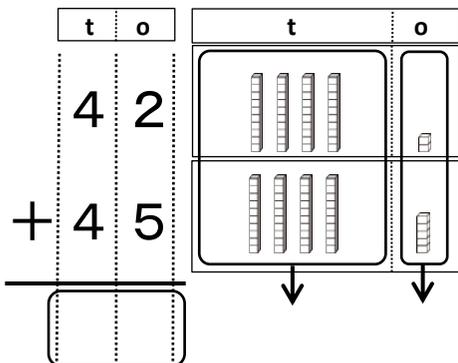
⑪  $60 + 34$



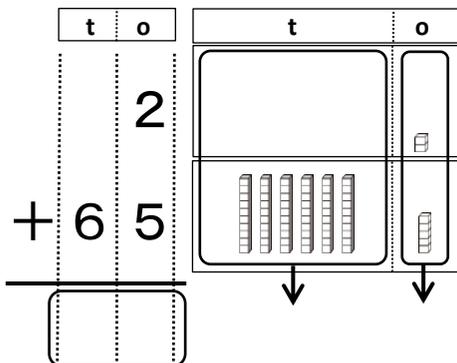
⑫  $32 + 27$



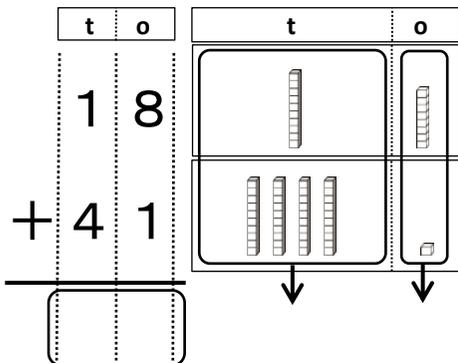
⑬  $42 + 45$



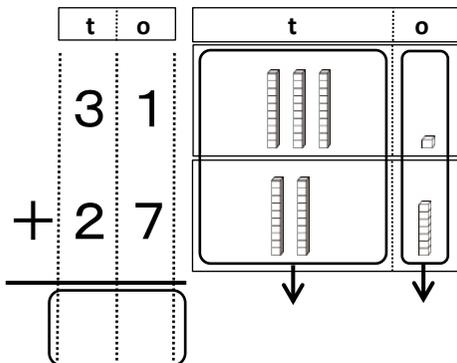
⑭  $2 + 65$



⑮  $18 + 41$

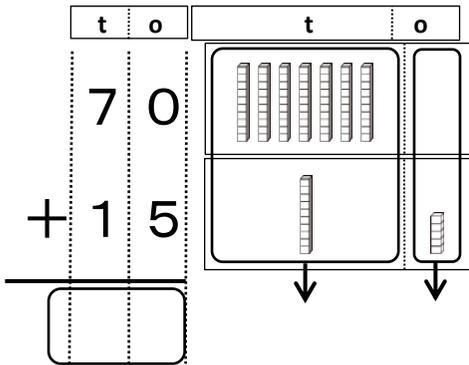


⑯  $31 + 27$

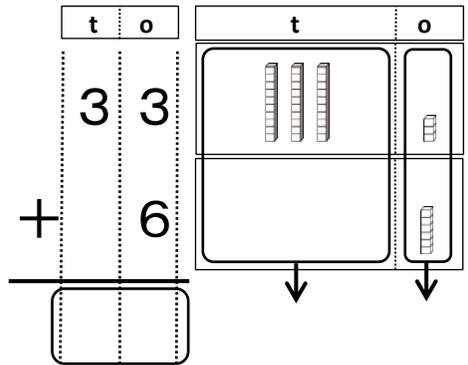


Exercise Write the answer in the .

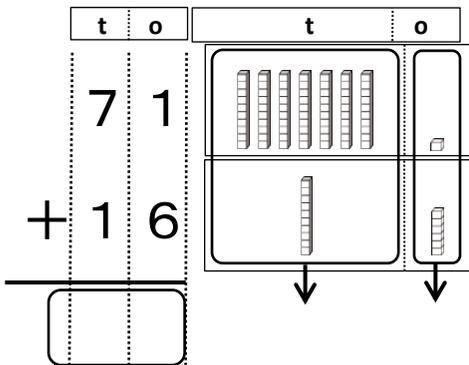
⑰  $70 + 15$



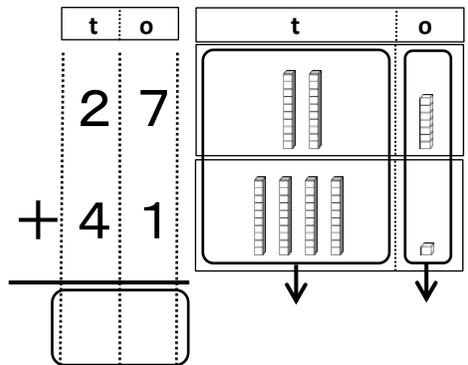
⑱  $33 + 6$



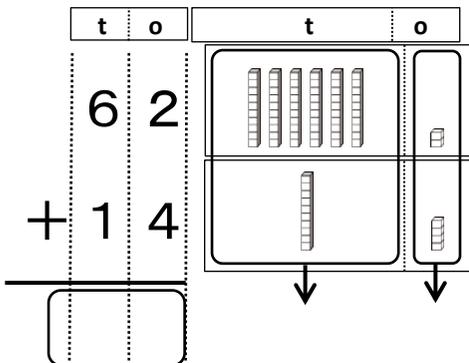
⑲  $71 + 16$



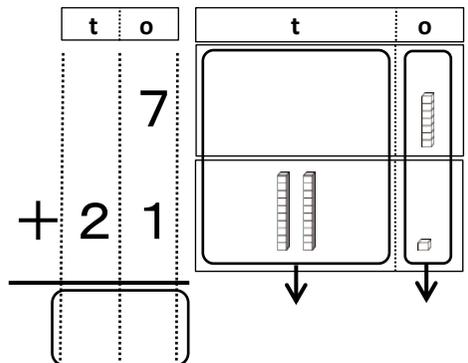
⑳  $27 + 41$



㉑  $62 + 14$



㉒  $7 + 21$



Example Write the answer in the .

$$23 + 15$$

	t	o
2	3	
+	1	5



$$23 + 15$$

	t	o
2	3	
+	1	5
38		

*Good!*

Exercise Write the answer in the .

①  $16 + 21$

	t	o
1	6	
+	2	1

②  $15 + 32$

	t	o
1	5	
+	3	2

③  $20 + 53$

	t	o
2	0	
+	5	3

④  $33 + 51$

	t	o
3	3	
+	5	1

⑤  $42 + 6$

	t	o
4	2	
+		6

⑥  $4 + 23$

	t	o
	4	
+	2	3

⑦  $37 + 50$

	t	o
3	7	
+	5	0

⑧  $24 + 43$

	t	o
2	4	
+	4	3

Exercise Write the answer in the .

⑨  $15 + 71$

t	o
1	5
+	7
7	1

⑩  $2 + 56$

t	o
2	6
+	5
5	6

⑪  $38 + 31$

t	o
3	8
+	3
3	1

⑫  $75 + 14$

t	o
7	5
+	1
1	4

⑬  $22 + 35$

t	o
2	2
+	3
3	5

⑭  $80 + 13$

t	o
8	0
+	1
1	3

⑮  $26 + 52$

t	o
2	6
+	5
5	2

⑯  $15 + 34$

t	o
1	5
+	3
3	4

⑰  $62 + 35$

t	o
6	2
+	3
3	5

⑱  $17 + 41$

t	o
1	7
+	4
4	1

⑲  $42 + 6$

t	o
4	2
+	6
4	8

⑳  $12 + 55$

t	o
1	2
+	5
5	7

㉑  $3 + 51$

t	o
3	1
+	5
5	4

㉒  $29 + 60$

t	o
2	9
+	6
6	9

㉓  $28 + 41$

t	o
2	8
+	4
4	9

㉔  $28 + 70$

t	o
2	8
+	7
7	8

Example Write the answer in the .

$$23 + 15$$

	t	o
+	1	5
—		



$$23 + 15$$

	t	o
+	1	5
—	3	8

Good!

Good!

Exercise Write the answer in the .

①  $15 + 33$

②  $5 + 34$

③  $23 + 51$

④  $18 + 21$

	t	o
+	3	3
—		

	t	o
+	3	4
—		

	t	o
+	5	1
—		

	t	o
+	2	1
—		

⑤  $26 + 32$

⑥  $45 + 53$

⑦  $12 + 80$

⑧  $24 + 14$

	t	o
	2	6
+		
—		

	t	o
	4	5
+		
—		

	t	o
	1	2
+		
—		

	t	o
	2	4
+		
—		

Exercise Write the answer in the .

⑨  $57 + 21$

	t	o
	5	7
+		

⑩  $42 + 24$

	t	o
	4	2
+		

⑪  $41 + 7$

	t	o
	4	1
+		

⑫  $34 + 53$

	t	o
	3	4
+		

⑬  $46 + 23$

	t	o
+	2	3

⑭  $3 + 65$

	t	o
+	6	5

⑮  $85 + 12$

	t	o
+	1	2

⑯  $18 + 80$

	t	o
+	8	0

⑰  $23 + 35$

	t	o
	2	3
+		

⑱  $61 + 34$

	t	o
	6	1
+		

⑲  $16 + 22$

	t	o
+	2	2

⑳  $21 + 74$

	t	o
+	7	4

㉑  $11 + 51$

	t	o
+	5	1

㉒  $4 + 24$

	t	o
+	2	4

㉓  $52 + 35$

	t	o
	5	2
+		

㉔  $38 + 40$

	t	o
	3	8
+		

Example Solve.

$23 + 15$

	t	o
+		
<hr/>		



$23 + 15$

	t	o
+	23	
	15	
<hr/>		
	38	



Good!



Good!

Exercise Solve.

①  $51 + 24$

	t	o
+		
<hr/>		

②  $21 + 14$

	t	o
+		
<hr/>		

③  $18 + 51$

	t	o
+		
<hr/>		

④  $2 + 36$

	t	o
+		
<hr/>		

⑤  $56 + 30$

	t	o
+		
<hr/>		

⑥  $34 + 5$

	t	o
+		
<hr/>		

⑦  $42 + 24$

	t	o
+		
<hr/>		

⑧  $20 + 75$

	t	o
+		
<hr/>		

## Exercise

Solve.

⑨  $15 + 34$

	t	o
+		
<hr/>		

⑩  $12 + 24$

	t	o
+		
<hr/>		

⑪  $53 + 31$

	t	o
+		
<hr/>		

⑫  $32 + 25$

	t	o
+		
<hr/>		

⑬  $47 + 20$

	t	o
+		
<hr/>		

⑭  $63 + 15$

	t	o
+		
<hr/>		

⑮  $18 + 70$

	t	o
+		
<hr/>		

⑯  $23 + 62$

	t	o
+		
<hr/>		

⑰  $42 + 5$

	t	o
+		
<hr/>		

⑱  $6 + 32$

	t	o
+		
<hr/>		

⑲  $63 + 24$

	t	o
+		
<hr/>		

⑳  $21 + 51$

	t	o
+		
<hr/>		

㉑  $17 + 41$

	t	o
+		
<hr/>		

㉒  $34 + 24$

	t	o
+		
<hr/>		

㉓  $26 + 2$

	t	o
+		
<hr/>		

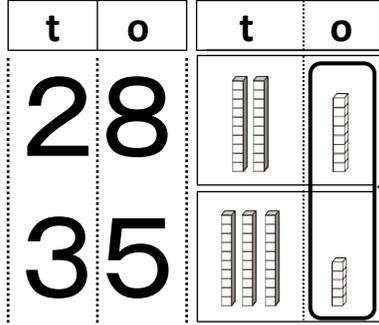
㉔  $37 + 52$

	t	o
+		
<hr/>		

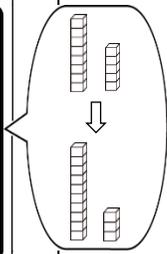
Let's do an addition whose sum of "o" is more than 9.



$$28 + 35$$



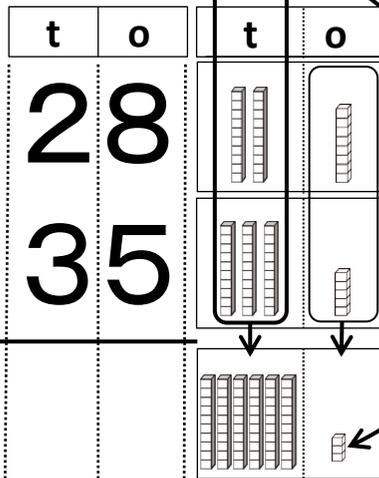
The sum is  
 $8 + 5 = 13$ .



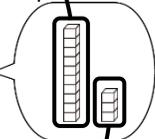
We calculate "t" after carrying the 10 of 13 to "t".



$$28 + 35$$



"o" is 3 of 13 and "t" is the sum of  $1 + 2 + 3$ .



Let's calculate  $28 + 35$  by vertical method addition.



$$28 + 35$$

	t	o
	2	8
+	3	5
<hr/>		

$$8 + 5 = 13$$

We get  $8 + 5 = 13$  by adding "o"



The 1 of 13 means that there is one 10, so we write "1" above the "t".



$$28 + 35$$

	t	o
	1	
	2	8
+	3	5
<hr/>		
		3

$$8 + 5 = 13$$

We write the 3 of 13 at "o".



The numbers of "t" are 1, 2 and 3. We add these three numbers.



$$28 + 35$$

t	o
1	
2	8
3	5
<hr/>	
	3

$$1 + 2 + 3 = 6$$

$$8 + 5 = 13$$

We get

$$1 + 2 + 3 = 6$$

by adding the "t".



$$28 + 35$$

t	o
1	
2	8
3	5
<hr/>	
6	3

$$1 + 2 + 3 = 6$$

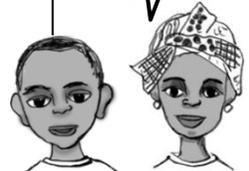
$$8 + 5 = 13$$

We write 6 at the

"t" as the answer.



Good!



Example Write the answer in the .

$$28 + 35$$



$$28 + 35$$

Exercise Write the answer in the .

①  $19 + 64$

②  $15 + 47$

③  $17 + 34$

④  $48 + 24$

⑤  $29 + 32$

⑥  $59 + 18$

Exercise Write the answer in the .

⑦  $63 + 19$

1+6+1	6	3	
+	1	9	3+9

⑧  $24 + 38$

1+2+3	2	4	
+	3	8	4+8

⑨  $37 + 55$

1+3+5	3	7	
+	5	5	7+5

⑩  $48 + 17$

1+4+1	4	8	
+	1	7	8+7

⑪  $26 + 49$

1+2+4	2	6	
+	4	9	6+9

⑫  $16 + 47$

1+1+4	1	6	
+	4	7	6+7

⑬  $35 + 46$

1+3+4	3	5	
+	4	6	5+6

⑭  $39 + 22$

1+3+2	3	9	
+	2	2	9+2

⑮  $13 + 58$

1+1+5	1	3	
+	5	8	3+8

Exercise Write the answer in the .

⑩  $24 + 39$

2	4
+	3
	9

1+2+3

4+9

⑪  $13 + 28$

1	3
+	2
	8

1+1+2

3+8

⑫  $68 + 17$

6	8
+	1
	7

1+6+1

8+7

⑬  $23 + 48$

2	3
+	4
	8

1+2+4

3+8

⑭  $35 + 39$

3	5
+	3
	9

1+3+3

5+9

⑮  $28 + 54$

2	8
+	5
	4

1+2+5

8+4

⑯  $49 + 19$

4	9
+	1
	9

1+4+1

9+9

⑰  $79 + 12$

7	9
+	1
	2

1+7+1

9+2

⑱  $59 + 34$

5	9
+	3
	4

1+5+3

9+4

Example Write the answer in the .

$$28 + 35$$

2		8
+		5



$$28 + 35$$

1		
2		8
+		5
6		3



*Good!*

Exercise Write the answer in the .

①  $17 + 64$

1		7
+		4

②  $25 + 47$

2		5
+		7

③  $34 + 17$

3		4
+		7

④  $38 + 43$

3		8
+		3

⑤  $28 + 35$

2		8
+		5

⑥  $19 + 68$

1		9
+		8

⑦  $62 + 29$

6		2
+		9

⑧  $24 + 58$

2		4
+		8

Exercise

Write the answer in the .

⑨  $39 + 44$

$$\begin{array}{r} \square \\ 39 \\ + 44 \\ \hline \square \end{array}$$

⑩  $38 + 57$

$$\begin{array}{r} \square \\ 38 \\ + 57 \\ \hline \square \end{array}$$

⑪  $27 + 37$

$$\begin{array}{r} \square \\ 27 \\ + 37 \\ \hline \square \end{array}$$

⑫  $15 + 29$

$$\begin{array}{r} \square \\ 15 \\ + 29 \\ \hline \square \end{array}$$

⑬  $15 + 67$

$$\begin{array}{r} \square \\ 15 \\ + 67 \\ \hline \square \end{array}$$

⑭  $26 + 45$

$$\begin{array}{r} \square \\ 26 \\ + 45 \\ \hline \square \end{array}$$

⑮  $18 + 67$

$$\begin{array}{r} \square \\ 18 \\ + 67 \\ \hline \square \end{array}$$

⑯  $39 + 24$

$$\begin{array}{r} \square \\ 39 \\ + 24 \\ \hline \square \end{array}$$

⑰  $33 + 29$

$$\begin{array}{r} \square \\ 33 \\ + 29 \\ \hline \square \end{array}$$

⑱  $34 + 47$

$$\begin{array}{r} \square \\ 34 \\ + 47 \\ \hline \square \end{array}$$

⑲  $23 + 28$

$$\begin{array}{r} \square \\ 23 \\ + 28 \\ \hline \square \end{array}$$

⑳  $35 + 39$

$$\begin{array}{r} \square \\ 35 \\ + 39 \\ \hline \square \end{array}$$

Example

Solve.

$$28 + 35$$

	2	8
+	3	5
-----		



$$28 + 35$$

	1	
	2	8
+	3	5
-----		
	6	3



Good!



Exercise

Solve.

①  $17 + 54$

	1	
	1	7
+	5	4
-----		

②  $16 + 45$

	1	
	1	6
+	4	5
-----		

③  $19 + 34$

	1	
	1	9
+	3	4
-----		

④  $68 + 14$

	1	
	6	8
+	1	4
-----		

⑤  $59 + 32$

	1	
	5	9
+	3	2
-----		

⑥  $39 + 48$

	1	
	3	9
+	4	8
-----		

⑦  $43 + 29$

	1	
	4	3
+	2	9
-----		

⑧  $25 + 36$

	1	
	2	5
+	3	6
-----		

⑨  $37 + 45$

	1	
	3	7
+	4	5
<hr/>		

⑩  $66 + 17$

	1	
	6	6
+	1	7
<hr/>		

⑪  $26 + 38$

	1	
	2	6
+	3	8
<hr/>		

⑫  $15 + 49$

	1	
	1	5
+	4	9
<hr/>		

⑬  $34 + 48$

	1	
	3	4
+	4	8
<hr/>		

⑭  $27 + 44$

	1	
	2	7
+	4	4
<hr/>		

⑮  $19 + 55$

	1	
	1	9
+	5	5
<hr/>		

⑯  $54 + 27$

	1	
	5	4
+	2	7
<hr/>		

⑰  $23 + 68$

	1	
	2	3
+	6	8
<hr/>		

⑱  $29 + 27$

	1	
	2	9
+	2	7
<hr/>		

⑲  $26 + 46$

	1	
	2	6
+	4	6
<hr/>		

⑳  $34 + 39$

	1	
	3	4
+	3	9
<hr/>		

Example Solve.

$$28 + 35$$

t	o
---	---

+		



$$28 + 35$$

t	o
---	---

+	1 2 3 6	8 5 3



Good!

Exercise Solve.

①  $18 + 54$

t	o
---	---

+	1 1 5	8 4

②  $19 + 45$

t	o
---	---

+	1 1 4	9 5

③  $17 + 34$

t	o
---	---

+	1 1 3	7 4

④  $48 + 13$

t	o
---	---

+	1 4 1	8 3

⑤  $39 + 32$

t	o
---	---

+	1 3 3	9 2

⑥  $27 + 48$

t	o
---	---

+	1 2 4	7 8



Exercise Solve.

⑩  $24 + 38$

	t	o	
	1		
	2	4	
+	3	8	

⑪  $17 + 48$

	t	o	
	1		
	1	7	
+	4	8	

⑫  $34 + 17$

	t	o	
	1		
	3	4	
+	1	7	

⑬  $23 + 59$

	t	o	
	1		
	2	3	
+	5	9	

⑭  $34 + 28$

	t	o	
	1		
	3	4	
+	2	8	

⑮  $38 + 54$

	t	o	
	1		
	3	8	
+	5	4	

⑯  $47 + 27$

	t	o	
	1		
	4	7	
+	2	7	

⑰  $68 + 19$

	t	o	
	1		
	6	8	
+	1	9	

⑱  $26 + 45$

	t	o	
	1		
	2	6	
+	4	5	

Example Write the answer in the .

$$26 + 34$$



$$26 + 34$$

Exercise Write the answer in the .

①  $12 + 28$

②  $36 + 14$

③  $23 + 37$

④  $54 + 36$

⑤  $19 + 31$

⑥  $57 + 23$

Exercise Write the answer in the .

⑦  $18 + 32$

1	8	
+	3	2

Annotations:  $1+1+3$  (pointing to the tens column),  $8+2$  (pointing to the ones column)

⑧  $41 + 29$

4	1	
+	2	9

Annotations:  $1+4+2$  (pointing to the tens column),  $1+9$  (pointing to the ones column)

⑨  $25 + 35$

2	5	
+	3	5

Annotations:  $1+2+3$  (pointing to the tens column),  $5+5$  (pointing to the ones column)

⑩  $46 + 24$

4	6	
+	2	4

Annotations:  $1+4+2$  (pointing to the tens column),  $6+4$  (pointing to the ones column)

⑪  $43 + 17$

4	3	
+	1	7

Annotations:  $1+4+1$  (pointing to the tens column),  $3+7$  (pointing to the ones column)

⑫  $64 + 16$

6	4	
+	1	6

Annotations:  $1+6+1$  (pointing to the tens column),  $4+6$  (pointing to the ones column)

⑬  $39 + 11$

3	9	
+	1	1

Annotations:  $1+3+1$  (pointing to the tens column),  $9+1$  (pointing to the ones column)

⑭  $27 + 43$

2	7	
+	4	3

Annotations:  $1+2+4$  (pointing to the tens column),  $7+3$  (pointing to the ones column)

⑮  $75 + 15$

7	5	
+	1	5

Annotations:  $1+7+1$  (pointing to the tens column),  $5+5$  (pointing to the ones column)

Example Write the answer in the .

$$26 + 34$$

	2	6			
+	3	4			



$$26 + 34$$

	1				
	2	6			
+	3	4			
60					



Good!

Exercise Write the answer in the .

①  $52 + 18$

	1				
	5	2			
+	1	8			

②  $46 + 24$

	1				
	4	6			
+	2	4			

③  $73 + 17$

	1				
	7	3			
+	1	7			

④  $24 + 26$

	1				
	2	4			
+	2	6			

⑤  $39 + 51$

	1				
	3	9			
+	5	1			

⑥  $27 + 33$

	1				
	2	7			
+	3	3			

⑦  $36 + 24$

	1				
	3	6			
+	2	4			

⑧  $55 + 35$

	1				
	5	5			
+	3	5			

Exercise

Write the answer in the .

⑨  $17 + 43$

1		
1	7	
+	4	3

⑩  $26 + 34$

1		
2	6	
+	3	4

⑪  $61 + 19$

1		
6	1	
+	1	9

⑫  $49 + 21$

1		
4	9	
+	2	1

⑬  $38 + 32$

1		
3	8	
+	3	2

⑭  $54 + 26$

1		
5	4	
+	2	6

⑮  $33 + 47$

1		
3	3	
+	4	7

⑯  $41 + 29$

1		
4	1	
+	2	9

⑰  $64 + 16$

1		
6	4	
+	1	6

⑱  $27 + 43$

1		
2	7	
+	4	3

⑲  $39 + 11$

1		
3	9	
+	1	1

⑳  $65 + 15$

1		
6	5	
+	1	5

Example Solve.

$$26 + 34$$

t	o
---	---

+		



$$26 + 34$$

t	o
---	---

+	1 2 3 6	6 4 0



Good!

Exercise Solve.

①  $62 + 18$

t	o
---	---

+	1 6 1	2 8

②  $16 + 54$

t	o
---	---

+	1 1 5	6 4

③  $43 + 47$

t	o
---	---

+	1 4 4	3 7

④  $14 + 36$

t	o
---	---

+	1 1 3	4 6

⑤  $49 + 31$

t	o
---	---

+	1 4 3	9 1

⑥  $17 + 23$

t	o
---	---

+	1 1 2	7 3

Exercise Solve.

⑦  $38 + 32$

	t	o
	1	
	3	8
+	3	2
<hr/>		

⑧  $11 + 29$

	t	o
	1	
	1	1
+	2	9
<hr/>		

⑨  $35 + 35$

	t	o
	1	
	3	5
+	3	5
<hr/>		

⑩  $66 + 14$

	t	o
	1	
	6	6
+	1	4
<hr/>		

⑪  $23 + 37$

	t	o
	1	
	2	3
+	3	7
<hr/>		

⑫  $54 + 26$

	t	o
	1	
	5	4
+	2	6
<hr/>		

⑬  $69 + 21$

	t	o
	1	
	6	9
+	2	1
<hr/>		

⑭  $37 + 13$

	t	o
	1	
	3	7
+	1	3
<hr/>		

⑮  $25 + 45$

	t	o
	1	
	2	5
+	4	5
<hr/>		

"t" means , "h" means .

Let's calculate  $27 + 4$ . Where should we write 4?



**27 + 4**

t	o
---	---

<b>27</b>	<b>+</b>	
-----------	----------	--

4 is

t	o
---	---

	<table style="margin: 0 auto;"> <tr><td style="width: 5px; height: 10px;"> </td></tr> </table>				



4 should be at the "o".

Don't forget adding 1 at the "t"



**27 + 4**

t	o
---	---

<b>27</b>	<b>+</b>	<b>4</b>
-----------	----------	----------

→

**27 + 4**

t	o
---	---

1	<b>27</b>
---	-----------

<b>+</b>	<b>4</b>
----------	----------

<b>3</b>	<b>1</b>
----------	----------



Do not forget to add "1" to the "t".

Example Tick the correct answer.

$$27 + 4$$

	2	7
+	4	
	6	7

	2	7
+	4	
	3	1



Good!

Exercise Tick the correct answer.

①  $68 + 3$

	6	8
+	3	
	7	1

	6	8
+	3	
	9	8

②  $6 + 35$

	6	
+	3	5
	9	5

		6
+	3	5
	4	1

③  $7 + 24$

		7
+	2	4
	3	1

	7	
+	2	4
	9	4

④  $39 + 2$

	3	9
+	2	
	5	9

		9
+	3	2
	4	1

Example Write the answer in the .

$$\begin{array}{r} 27 + 4 \\ \square \\ + \square \\ \hline \square \end{array}$$



$$\begin{array}{r} 27 + 4 \\ \square 1 \\ + \square 4 \\ \hline \square 3 \square 1 \end{array}$$

Good!

Exercise Write the answer in the .

①  $38 + 4$

$$\begin{array}{r} \square \\ 38 \\ + \square \\ \hline \square \end{array}$$

②  $67 + 8$

$$\begin{array}{r} \square \\ 67 \\ + \square \\ \hline \square \end{array}$$

③  $45 + 7$

$$\begin{array}{r} \square \\ 45 \\ + \square \\ \hline \square \end{array}$$

④  $58 + 3$

$$\begin{array}{r} \square \\ 58 \\ + \square \\ \hline \square \end{array}$$

⑤  $9 + 33$

$$\begin{array}{r} \square \\ \square \\ + 33 \\ \hline \square \end{array}$$

⑥  $8 + 27$

$$\begin{array}{r} \square \\ \square \\ + 27 \\ \hline \square \end{array}$$

⑦  $9 + 12$

$$\begin{array}{r} \square \\ \square \\ + 12 \\ \hline \square \end{array}$$

⑧  $6 + 48$

$$\begin{array}{r} \square \\ \square \\ + 48 \\ \hline \square \end{array}$$

Exercise Write the answer in the .

⑨  $36 + 5$

3 6
+

⑩  $23 + 9$

2 3
+

⑪  $6 + 56$

5 6
+

⑫  $8 + 33$

3 3
+

⑬  $47 + 9$

4 7
+

⑭  $27 + 5$

2 7
+

⑮  $7 + 66$

6 6
+

⑯  $6 + 37$

3 7
+

⑰  $73 + 8$

7 3
+

⑱  $65 + 7$

6 5
+

⑲  $8 + 29$

2 9
+

⑳  $9 + 74$

7 4
+

Example Solve.

$$27 + 8$$

t	o
---	---

+		



$$27 + 8$$

t	o
---	---

+	1 2	7 8
	3	5



Good!

Exercise Solve.

①  $58 + 4$

t	o
---	---

+		

②  $17 + 8$

t	o
---	---

+		

③  $6 + 37$

t	o
---	---

+		

④  $78 + 5$

t	o
---	---

+		

⑤  $9 + 86$

t	o
---	---

+		

⑥  $47 + 8$

t	o
---	---

+		

Exercise Solve.

⑦  $22 + 9$

	t	o
+		

⑧  $4 + 37$

	t	o
+		

⑨  $48 + 5$

	t	o
+		

⑩  $53 + 9$

	t	o
+		

⑪  $67 + 4$

	t	o
+		

⑫  $8 + 46$

	t	o
+		

⑬  $73 + 8$

	t	o
+		

⑭  $19 + 5$

	t	o
+		

⑮  $7 + 44$

	t	o
+		