Let's read 1000.

1000

thousand

thousand

We read 1001 as 1000 and 1.

thousand and one

1001

1000 thousand

1 one

We read 101 as 100 and 1.

The numbers from 1002 increases by one.

thousand two thousand three

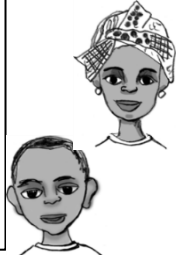
1002

1003

1000 2

1000 3

thousand two thousand three



We read the numbers from 1001 to 1999 as 1000 and something.

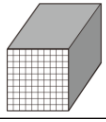
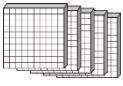
1001	*thousand one*
1009	*thousand nine*
1010	*thousand ten*
1099	*thousand ninety nine*
1100	*thousand hundred*
1199	*thousand hundred ninety nine*
1200	*thousand two hundred*
1300	*thousand three hundred*
1500	*thousand five hundred*
1900	*thousand nine hundred*
1999	*thousand nine hundred ninety nine*

We know how to read the numbers from 1001 to 1999 if we know how to read from 0 to 999.

“o” means ●, “t” means ×, “h” means ○, “th” means □.

Let’s look at a new figure. What is the number on the right?

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1

th	h	t	o
			

We can show the number by blocks like this.

The numbers of 1000, 100, 10, 1 in each digit by “th”, “h”, “t”, “o”.

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1
1	5	3	2

"o" means ●, "t" means ×, "h" means ○, "th" means □.

Example Write the answer in the ☐.

Good!

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1
1	5	3	2

Exercise Write the answer in the ☐.

①

th	h	t	o
1000	100 100 100 100 100 100 100	10 10	1 1 1 1 1 1 1 1

②

th	h	t	o
1000	100 100 100	10 10 10 10	1 1 1 1

③

th	h	t	o
1000	100 100	10 10	1 1 1 1

④

th	h	t	o
1000	100 100 100 100 100 100	10 10	

⑤

th	h	t	o
1000		10 10	1 1 1 1 1

⑥

th	h	t	o
1000			1 1 1 1 1 1 1 1 1

“o” means ●, “t” means ×, “h” means ○, “th” means □.

Let’s look at how to write a number which is one more than 199.

1	9	9	9

th	h	t	o
1000	100 100 100 100 100	10 10 10 10 10	1 1 1 1 1

1

The number of 1 at “o” increases by one.

th	h	t	o
1000	100 100 100 100 100	10 10 10 10 10	1 1 1 1 1

The number of “o” becomes 10, so carry to the “t” .

The number of “t” becomes 10, so carry to the “h” .

th	h	t	o
1000	100 100 100 100 100	10 10 10 10 10	

The number of “h” becomes 10, so carry to the “th” .

th	h	t	o
1000	100 100 100 100 100		

th	h	t	o
1000 1000			

The number of “th” becomes 2. So number which one more than 1999 is 2000.

2	0	0	0

“o” means ●, “t” means ×, “h” means ○, “th” means □.

Let’s look at numbers when the number of “th” increases by one.

1 0 0 0

th	h	t	o
1000			

2 0 0 0

th	h	t	o
1000 1000			

3 0 0 0

th	h	t	o
1000 1000 1000			

4 0 0 0

th	h	t	o
1000 1000 1000 1000			

5 0 0 0

th	h	t	o
1000 1000 1000 1000 1000			

6 0 0 0

th	h	t	o
1000 1000 1000 1000 1000 1000			

7 0 0 0

th	h	t	o
1000 1000 1000 1000 1000 1000 1000			

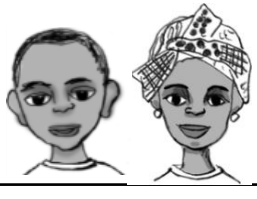
8 0 0 0

th	h	t	o
1000 1000 1000 1000 1000 1000 1000 1000			

9 0 0 0

th	h	t	o
1000 1000 1000 1000 1000 1000 1000 1000 1000			

The number of “th” is up to 9.

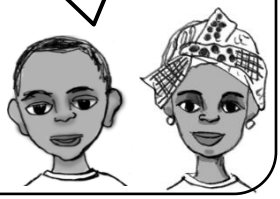


Let's read 2000.

2000

two thousand

two thousand



We read 2001 as 2000 and 1.

two thousand one

2001

2000 1

two thousand one

So, we can read 2000 and 1.

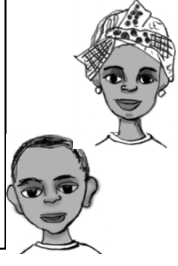
The numbers from 2002 increases by one.

two thousand two two thousand three

2002 2003

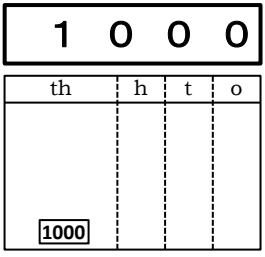
2000 2 2000 3

two thousand two two thousand three

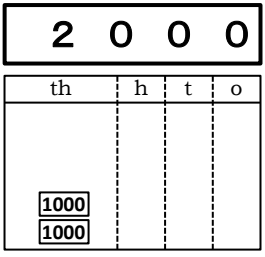


"o" means ●, "t" means ×, "h" means ○, "th" means □.

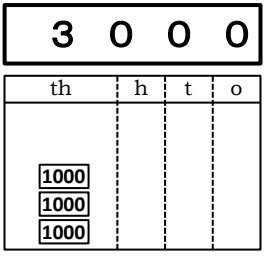
Let's read the number from 1000 to 9000.



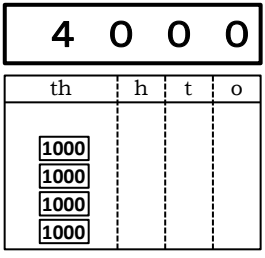
thousand



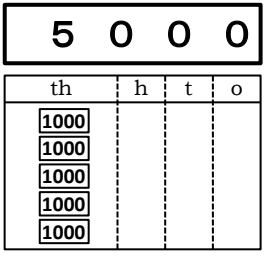
two thousand



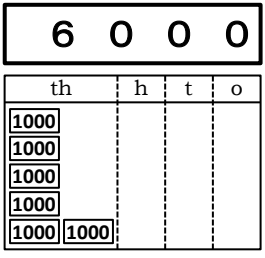
three thousand



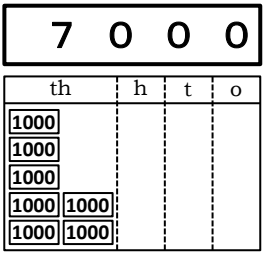
four thousand



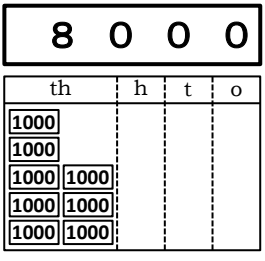
five thousand



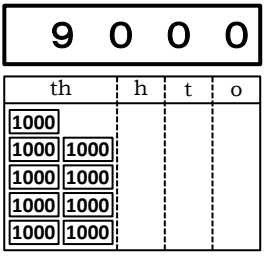
six thousand



seven thousand



eight thousand



nine thousand

The numbers from 3001 increases by one.

three thousand and one

3001

3000 1

three thousand one

three thousand and two

3002

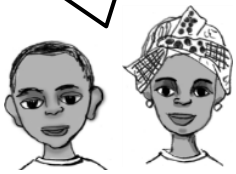
3000 2

three thousand two

The numbers from 1001 and 2001 also increased by one.

Let's look at numbers which ends with 1 from 9999.

We read some thousand and one same as we read 1001 like 1000 and 1 or 9000 like 9000 and 1.



1	one
1001	thousand one
2001	two hundred one
3001	three thousand one
4001	four thousand one
5001	five thousand one
6001	six thousand one
7001	seven thousand one
8001	eight thousand one
9001	nine thousand one

"o" means ●, "t" means ×, "h" means ○, "th" means □.

Example Write the answer in the ☐.

Good!

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1

th	h	t	o
1000	100 100 100 100 100	10 10 10	1 1

1 5 3 2

Exercise Write the answer in the ☐.

①

th	h	t	o
1000 1000 1000 1000	100 100 100	10 10 10	1 1 1 1 1 1 1 1

②

th	h	t	o
1000 1000 1000	100 100 100 100 100 100	10 10 10 10 10 10	1 1 1 1 1 1

③

th	h	t	o
1000 1000 1000 1000 1000 1000	100 100 100 100 100 100	10 10 10 10 10 10	1 1 1

④

th	h	t	o
1000 1000		10	1 1 1 1 1

⑤

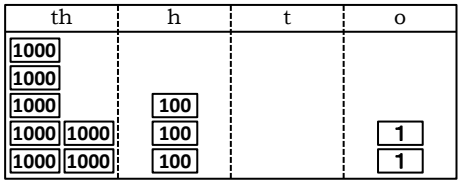
th	h	t	o
1000 1000 1000 1000 1000 1000	100 100	10	

⑥

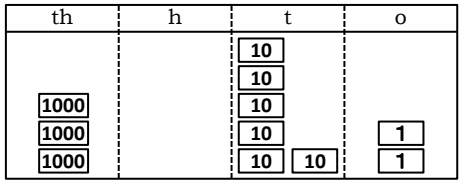
th	h	t	o
1000 1000 1000 1000 1000 1000	100 100 100 100 100 100	10 10 10 10 10 10	1 1 1

Exercise Write the answer in the ☐.

⑦



⑧



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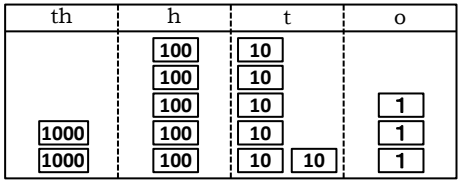

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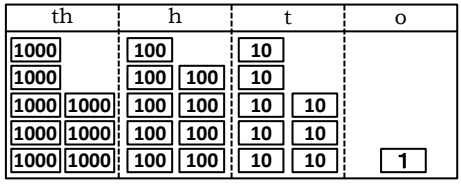

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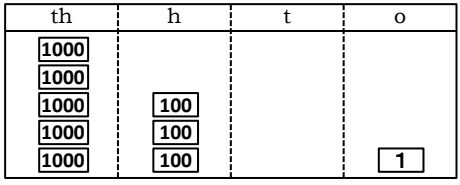
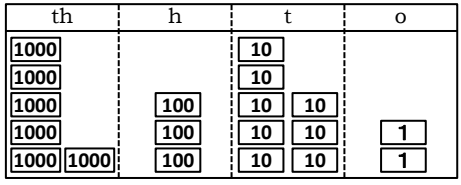
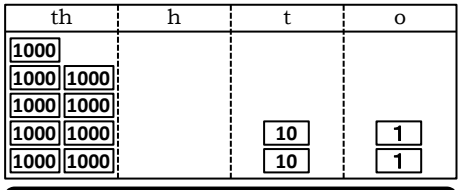


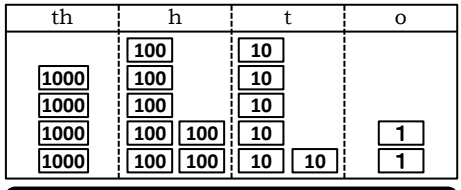
⑫



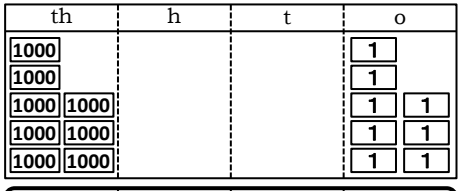
⑬



⑭



⑮



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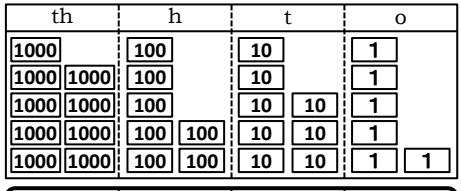


Example Write how to read the numbers in ☐.

1000	thousand
1001	thousand one

Good!

Exercise Write how to read the numbers in ☐.

3001	
3010	
3020	
3030	
3400	
3542	
5768	
7289	
8379	
9263	

Exercise Write how to read the numbers in ☐.

5200	
6007	
7246	
5833	
3754	
8665	
2166	
4097	
7553	
9515	
9987	

Let's write > or < to show which is greater.

348 ☐ 295

188 ☐ 514

The number on the open side is greater.

Good!

348 > 295

188 < 514

348 is greater than 295 and 188 is less than 514.

We use "=" when two numbers are equal.

We use "=" in addition and subtraction.

580 = 580

10+20 = 30

"10 + 20" and "30" are equal.

Example Write the sign of $>$, $<$ or $=$ in the □.

3400 □ 2500 ⇨ 3400 $>$ 2500

1890 □ 1890 ⇨ 1890 $=$ 1890

Exercise Write the sign of $>$, $<$ or = in the □ .

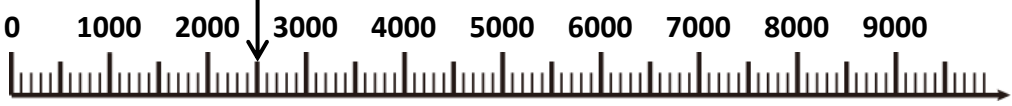
Good!

① 3000 □ 5000	② 8000 □ 7000
③ 1980 □ 2015	④ 8095 □ 7986
⑤ 4560 □ 3872	⑥ 987 □ 1001
⑦ 2560 □ 5230	⑧ 6010 □ 5980
⑨ 2798 □ 2798	⑩ 6976 □ 7796
⑪ 5560 □ 5190	⑫ 3323 □ 2334
⑬ 9872 □ 8976	⑭ 1999 □ 2001

Example Fill in the missing number.

2500

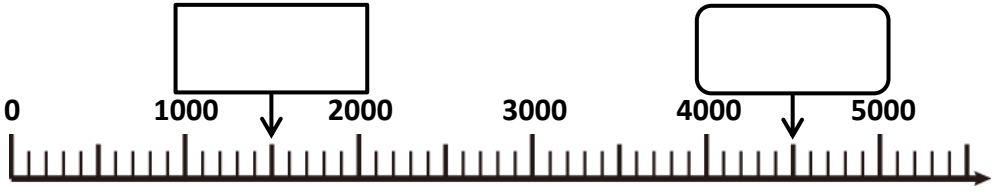
Good!



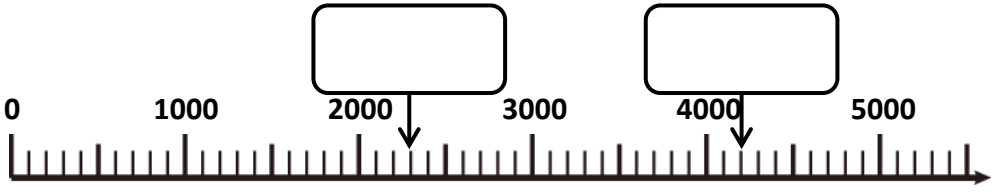
Exercise Fill in the missing number.

① 1 units means ☐.

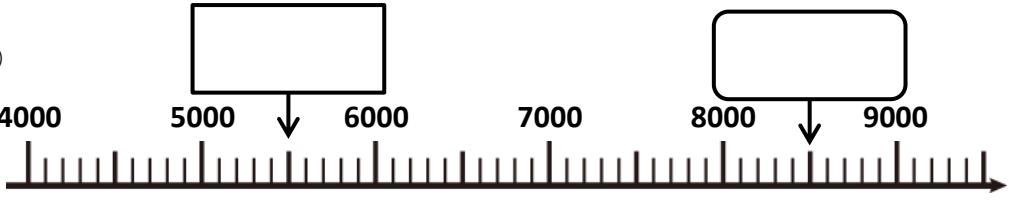
②



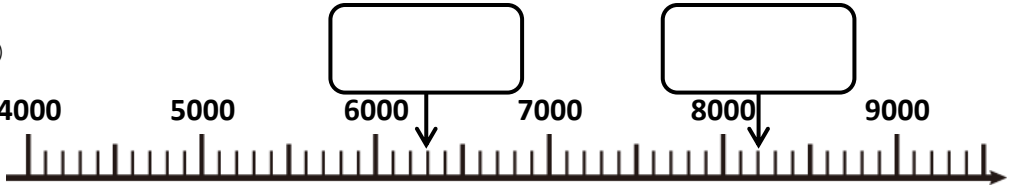
③



④

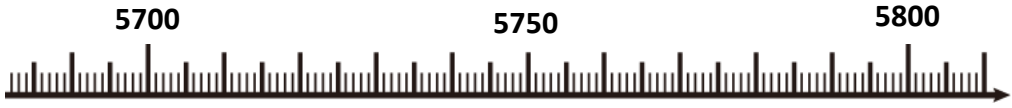


⑤

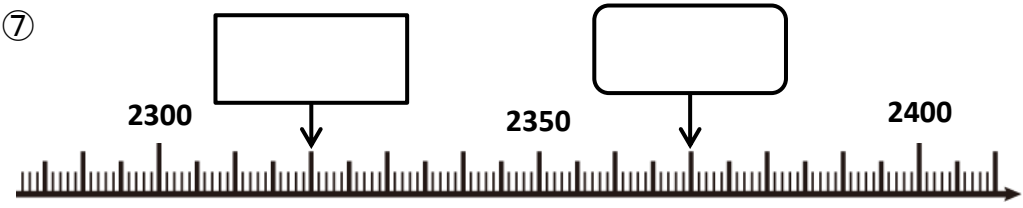


Exercise Fill in the missing number.

⑥ 1 units means ☐ .



⑦



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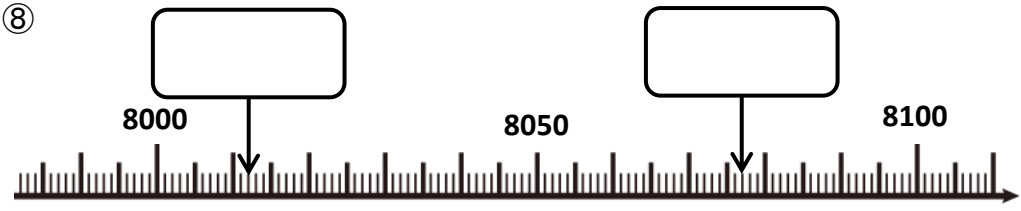

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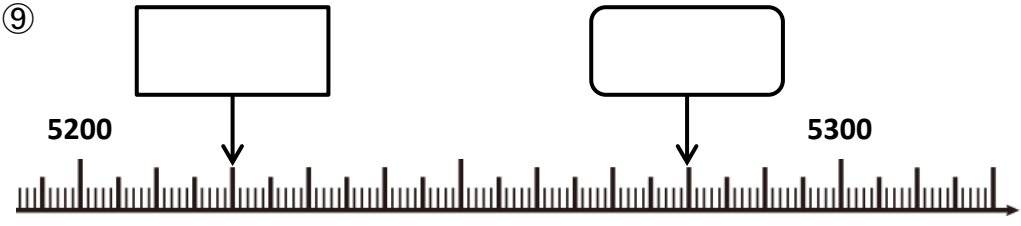

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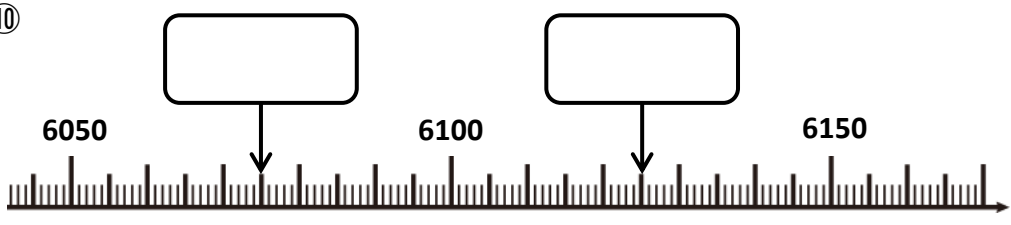
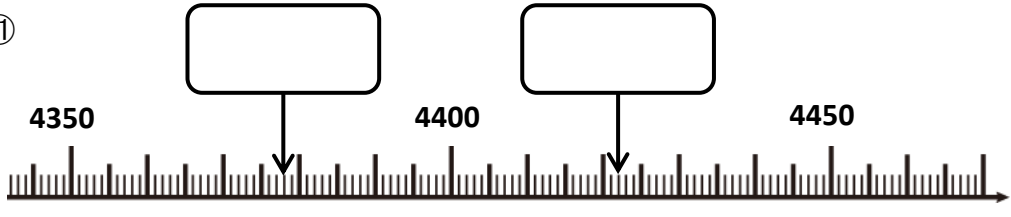
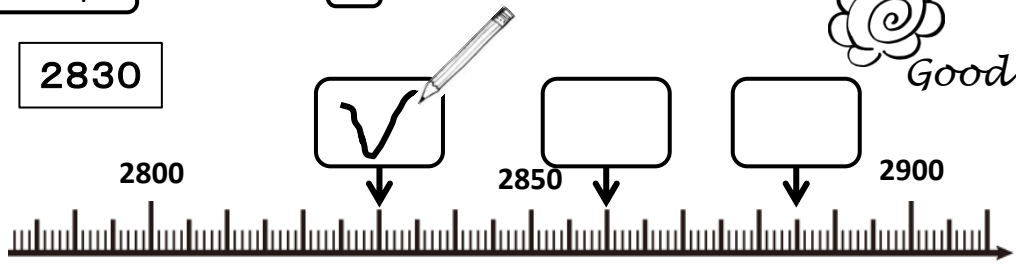


⑪



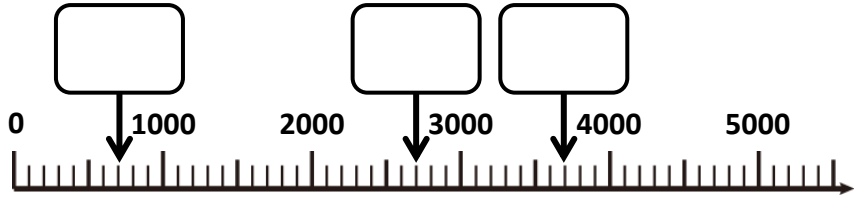
Example Tick in the ☐ which indicates the number.

2830

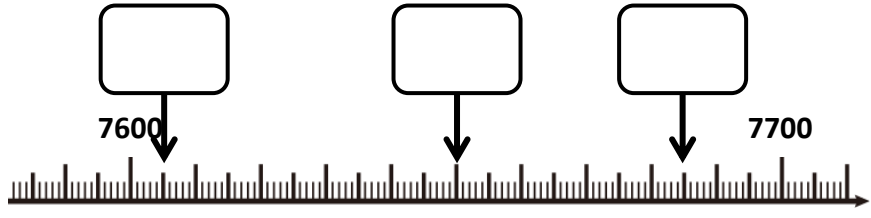


Exercise Tick in the ☐ which indicates the number.

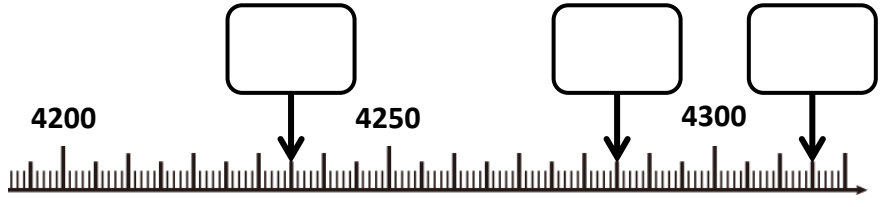
① 3700



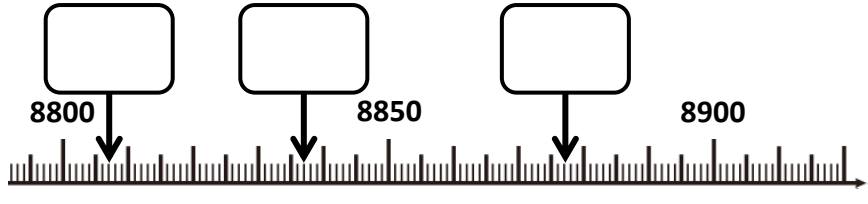
② 7650



③ 4235



④ 8837



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

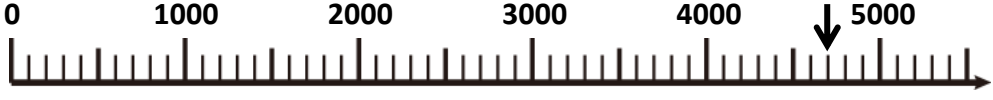
6400 is 1000 more than 5400.

Good!

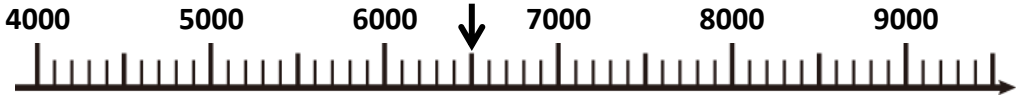
Exercise Fill in the missing number.

① ☐ is 3000 more than 3600.

② ☐ is 400 more than 4700.



③ ☐ is 600 more than 6500.



④ ☐ is 30 more than 2800.

⑤ ☐ is 70 more than 7600.

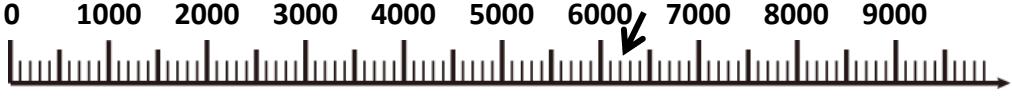
Example Write the answer in the ☐. If you don't know the answer, think it using number line.

4300 is 1000 less than 5400.

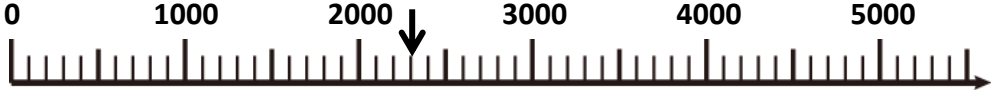
Good!

Exercise Fill in the missing number.

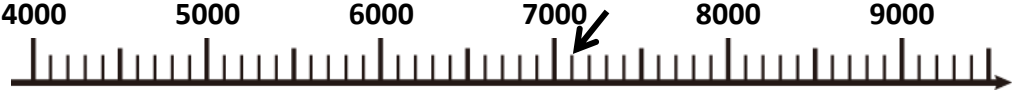
① ☐ is 4000 less than 6200.



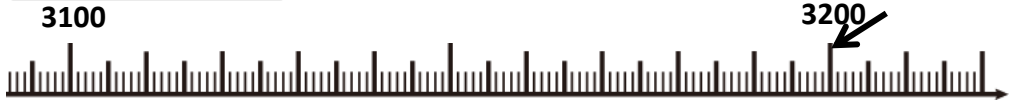
② ☐ is 500 less than 2300.



③ ☐ is 400 less than 7100.



④ ☐ is 30 less than 3200.

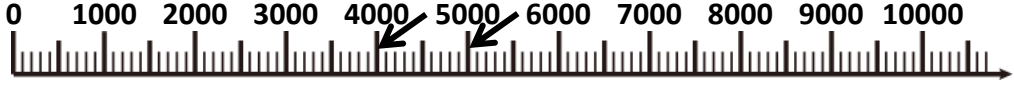


⑤ ☐ is 70 less than 6800.

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

5000 is **1000** more than 4000.

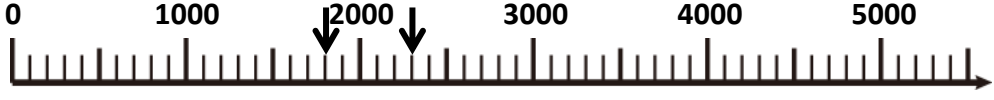
Good!



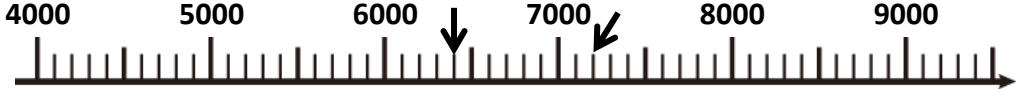
Exercise Fill in the missing number.

① 6500 is ☐ more than 3500.

② 2300 is ☐ more than 1800.

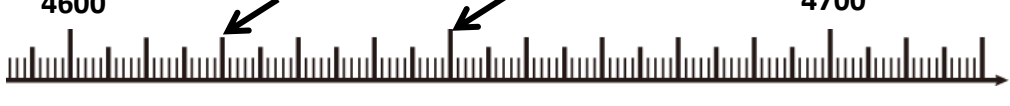


③ 7200 is ☐ more than 6400.



④ 7000 is ☐ more than 6980.

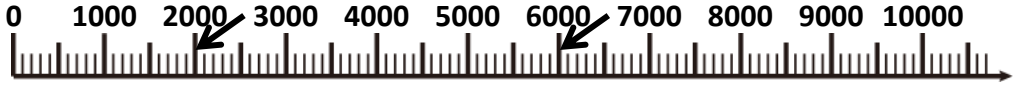
⑤ 4650 is ☐ more than 4620.



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

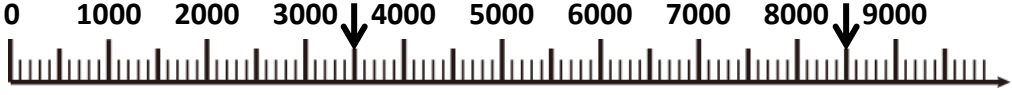
5000 is **4000** less than 4000.

Good!

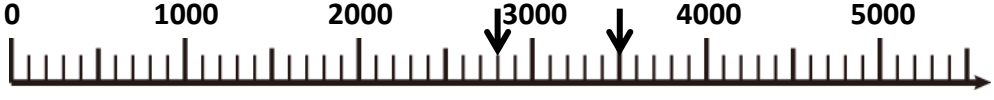


Exercise Fill in the missing number.

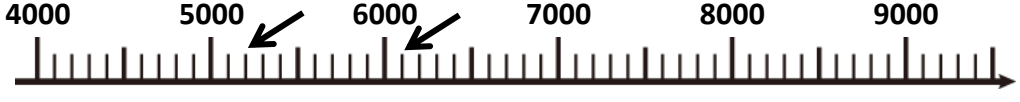
① 3500 is ☐ less than 8500.



② 2800 is ☐ less than 3500.

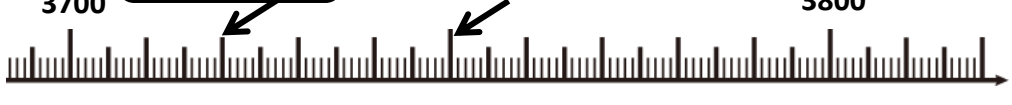


③ 5200 is ☐ less than 6100.



④ 8910 is ☐ less than 8980.

⑤ 3720 is ☐ less than 3750.



Example Fill in the missing number.

The number which is made of 23 100 is 2300 .

Exercise Fill in the missing number.

① The number which is made of 38 100 is .

② The number which is made of 62 100 is .

③ The number which is made of 77 100 is .

④ The number which is made of 51 100 is .

⑤ The number which is made of 49 100 is .

⑥ The number which is made of 50 100 is .

⑦ The number which is made of 63 100 is .

⑧ The number which is made of 99 100 is .

Example Fill in the missing number.

The number which is made of 2 [1000], 1 [100], 3 [10] and 5 [1] is

2135.

Exercise Fill in the missing number.

① The number which is made of 5 [1000], 7 [100], 3 [10] and 4 [1] is

.

② The number which is made of 3 [1000], 1 [100], 5 [10] and 0 [1] is

.

③ The number which is made of 2 [1000], 2 [100], 7 [10] and 1 [1] is

.

④ The number which is made of 7 [1000], 0 [100], 6 [10] and 3 [1] is

.

⑤ The number which is made of 8 [1000], 0 [100], 0 [10] and 2 [1] is

.

Example Fill in the missing number.

Good!

The number which is made of 18 100 is 1800.

Exercise Fill in the missing number.

① The number which is made of ☐ 100 is 1800.

② The number which is made of ☐ 100 is 4100.

③ The number which is made of ☐ 100 is 7500.

④ The number which is made of ☐ 100 is 6600.

⑤ The number which is made of ☐ 100 is 8000.

⑥ The number which is made of ☐ 100 is 3900.

⑦ The number which is made of ☐ 100 is 8200.

⑧ The number which is made of ☐ 100 is 9900.

Example Fill in the missing number.

The numbers which is made of 3 1000 , 6 100 ,

5 10 and 4 1 is 3654.

Exercise Fill in the missing number.

① The numbers which is made of ☐ 1000 , ☐ 100 ,

☐ 10 and ☐ 1 is 2851.

② The numbers which is made of ☐ 1000 , ☐ 100 ,

☐ 10 and ☐ 1 is 8647.

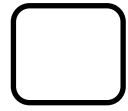
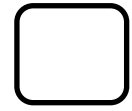
③ The numbers which is made of ☐ 1000 , ☐ 100 ,

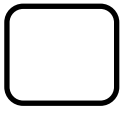
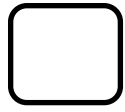
☐ 10 and ☐ 1 is 3579.

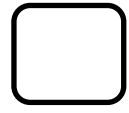
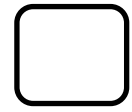
④ The numbers which is made of ☐ 1000 , ☐ 100 ,

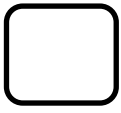
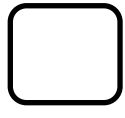
☐ 10 and ☐ 1 is 7193.

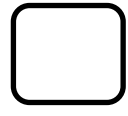
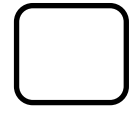
Exercise Fill in the missing number.

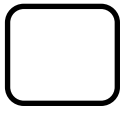
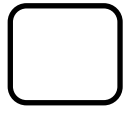
⑤ The numbers which is made of  1000 ,  100 ,

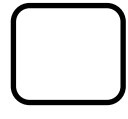
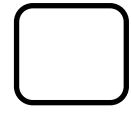
 10 and  1 is 8647.

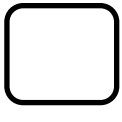
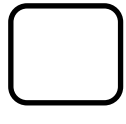
⑥ The numbers which is made of  1000 ,  100 ,

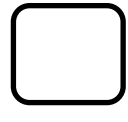
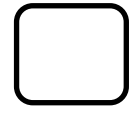
 10 and  1 is 3654.

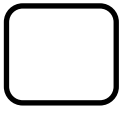
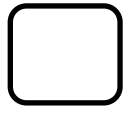
⑦ The numbers which is made of  1000 ,  100 ,

 10 and  1 is 3654.

⑧The numbers which is made of  1000 ,  100 ,

 10 and  1 is 3654.

⑧ The numbers which is made of  1000 ,  100 ,

 10 and  1 is 3654.

Example Write the answer in the □.

$300+900=1200$

There are 3 + 9 sets of 100.

Good!

Exercise Write the answer in the □.

① $300+800=$ □

There are 3 + 8 sets of 100

② $400+900=$ □

There are 4 + 9 sets of 100

③ $500+500=$ □

There are 5 + 5 sets of 100

④ $600+800=$ □

There are 6 + 8 sets of 100

⑤ $500+900=$ □

There are 5 + 9 sets of 100

⑥ $800+400=$ □

There are 8 + 4 sets of 100

⑦ $900+200=$ □

There are 9 + 2 sets of 100

⑧ $900+700=$ □

There are 9 + 7 sets of 100

⑨ $700+800=$ □

There are 7 + 8 sets of 100

⑩ $700+500=$ □

There are 7 + 5 sets of 100

Example Write the answer in the □.

300＋900＝1200 Good!

Exercise Write the answer in the □.

① 200＋900＝□　② 700＋300＝□

③ 400＋800＝□　④ 900＋600＝□

⑤ 600＋700＝□　⑥ 900＋400＝□

⑦ 600＋600＝□　⑧ 700＋900＝□

⑨ 900＋800＝□　⑩ 500＋800＝□

⑪ 700＋700＝□　⑫ 800＋300＝□

⑬ 100＋900＝□　⑭ 900＋500＝□

⑮ 800＋700＝□　⑯ 800＋800＝□

Example Write the answer in the □.

$1500 - 800 = 700$

There are 15 - 8 sets of 100.

Good!

Exercise Write the answer in the □.

① $1200 - 600 =$ □

There are 12 - 6 sets of 100

② $1500 - 700 =$ □

There are 15 – 7 sets of 100

③ $1800 - 900 =$ □

There are 18 – 9 sets of 100

④ $1700 - 800 =$ □

There are 17 – 8 sets of 100

⑤ $1600 - 700 =$ □

There are 16 – 7 sets of 100

⑥ $1100 - 400 =$ □

There are 11 – 4 sets of 100

⑦ $1400 - 600 =$ □

There are 14 – 6 sets of 100

⑧ $1300 - 500 =$ □

There are 13 – 5 sets of 100

⑨ $1200 - 700 =$ □

There are 12 – 7 sets of 100

⑩ $1300 - 600 =$ □

There are 13 – 6 sets of 100

Example Write the answer in the □.

1500－800＝700

Exercise Write the answer in the □.

①1500－800＝□　②1300－700＝□

③1200－500＝□　④1100－600＝□

⑤1400－900＝□　⑥1200－400＝□

⑦1300－400＝□　⑧1600－800＝□

⑨1700－900＝□　⑩1800－900＝□

⑪1400－600＝□　⑫1600－700＝□

⑬1200－700＝□　⑭1700－900＝□

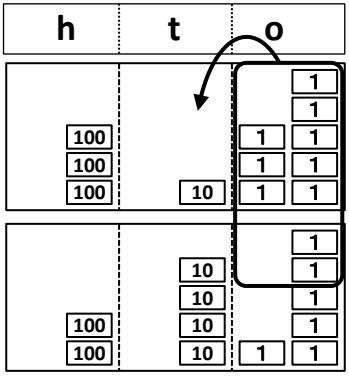
⑮1300－800＝□　⑯1400－600＝□

“o” means ● , “t” means × , “h” means ○ .

Solve. First, calculate addition at the ‘‘o’’.

$$318+246$$

h	t	o
3	1	8
+ 2	4	6

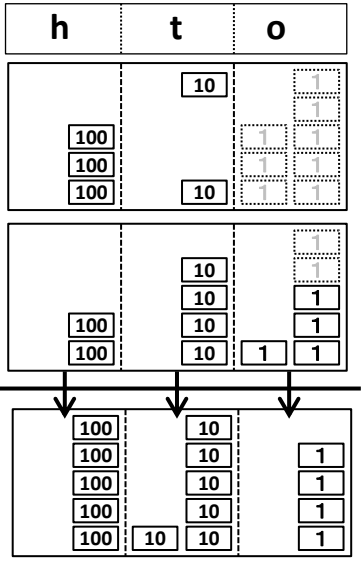


8+6=14. 10 move to the ‘‘t’’’. Only 4 remain at the ‘‘o’’.

Calculate the number at the ‘‘t’’ and ‘‘h’’.

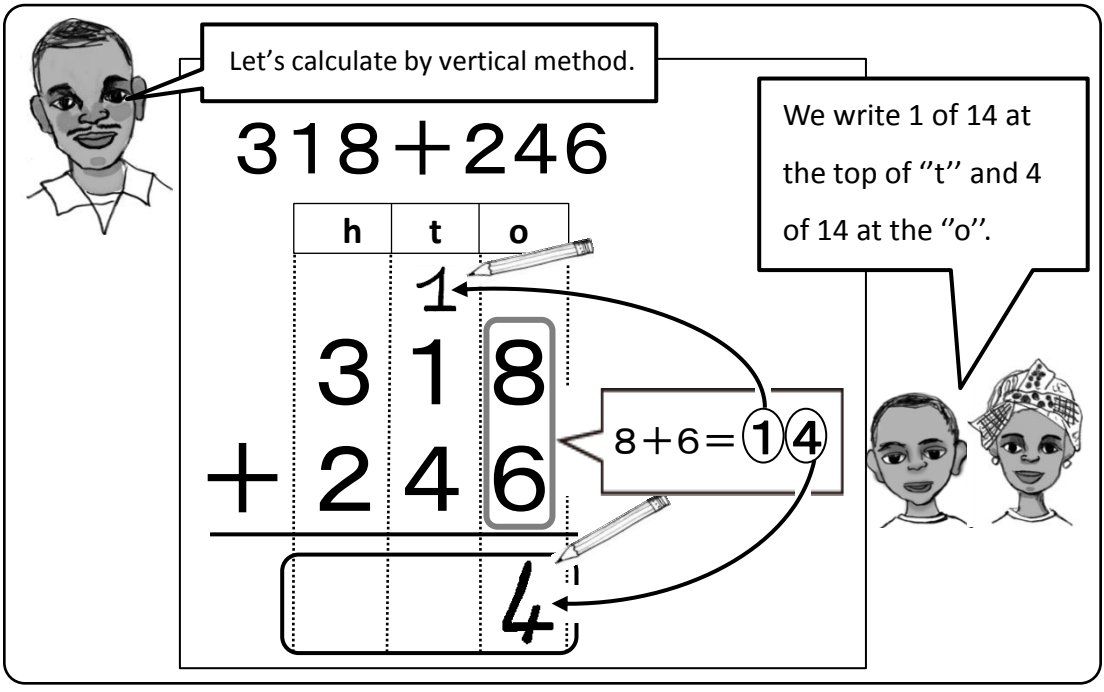
$$318+246$$

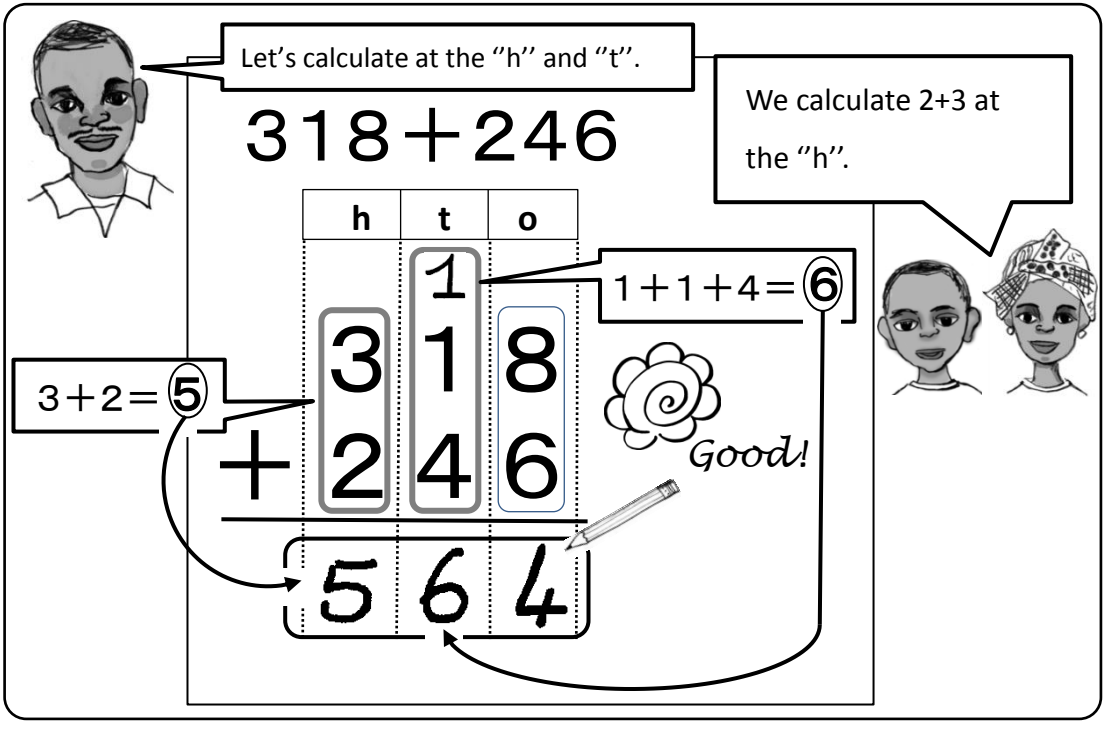
h	t	o
3	1	8
+ 2	4	6



1+1+4 at the ‘‘t’’, 3+2=5 at the ‘‘h’’. So the answer is 564.

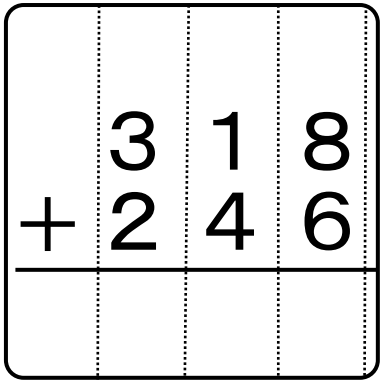
“o” means ● , “t” means × , “h” means ○ .



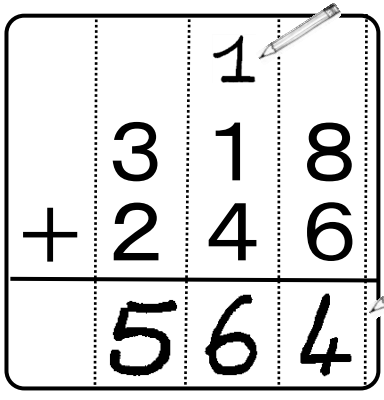


Example Solve.

318＋246



318＋246



Exercise Solve.

① 519＋253

	5	1	9
＋	2	5	3

② 127＋436

	1	2	7
＋	4	3	6

③ 453＋342

	4	5	3
＋	3	4	2

④ 243＋615

	2	4	3
＋	6	1	5

⑤ 526＋324

	5	2	6
＋	3	2	4

⑥ 257＋314

	2	5	7
＋	3	1	4

⑦ 129＋630

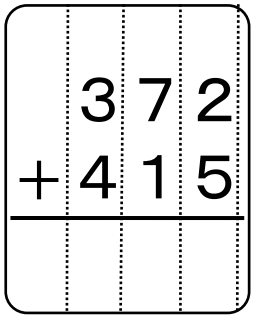
	1	2	9
＋	6	3	0

⑧ 308＋651

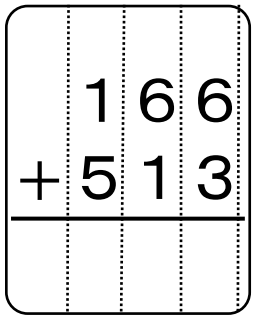
	3	0	8
＋	6	5	1

Example Solve.

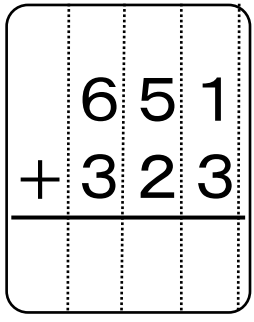
⑨ 372＋415



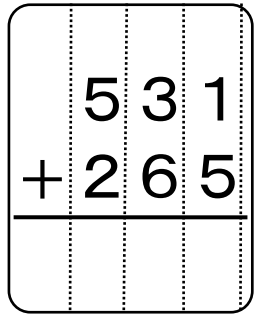
⑩ 166＋513



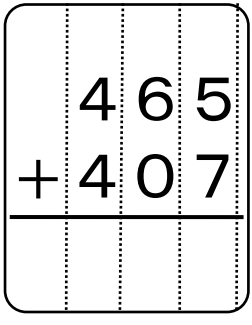
⑪ 651＋323



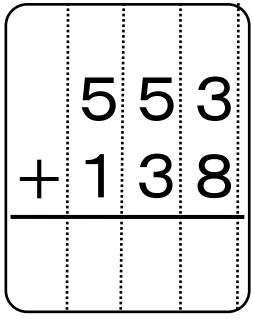
⑫ 531＋265



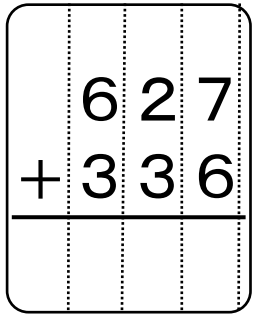
⑬ 465＋407



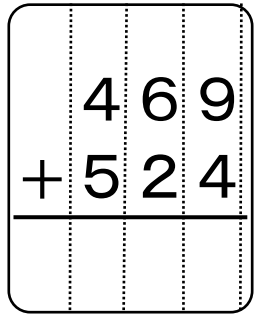
⑭ 553＋138



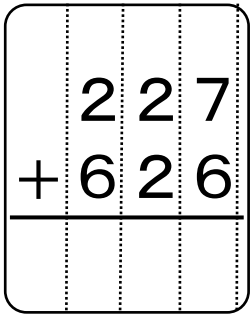
⑮ 627＋336



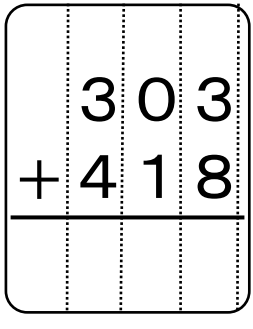
⑯ 469＋524



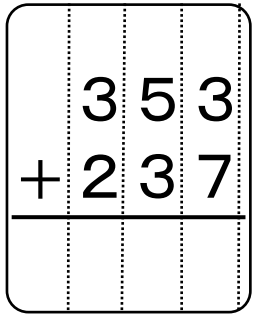
⑰ 227＋626



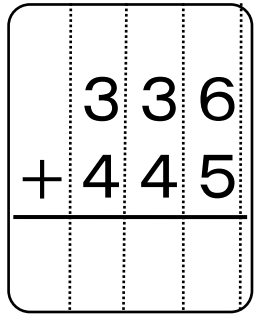
⑱ 303＋418



⑲ 353＋237



⑳ 336＋445



“o” means ●, “t” means ×, “h” means ○.

Example Solve. Make sure to write “+”.

318＋246

h	t	o
+		

318＋246

h	t	o
	1	
3	1	8
2	4	6
5	6	4

Do NOT forget!!

Good!

Exercise Solve. Make sure to write “+”.

① 517＋364

h	t	o

②478＋216

h	t	o

③ 204＋638

h	t	o

④ 340＋529

h	t	o

⑤232＋464

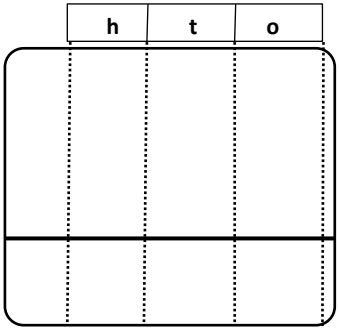
h	t	o

⑥ 304＋503

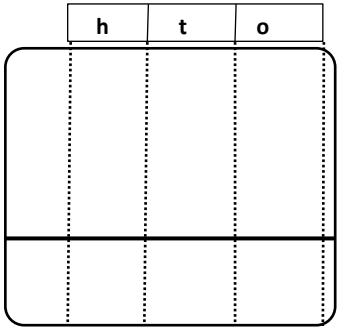
h	t	o

Exercise Solve. Make sure to write “+”.

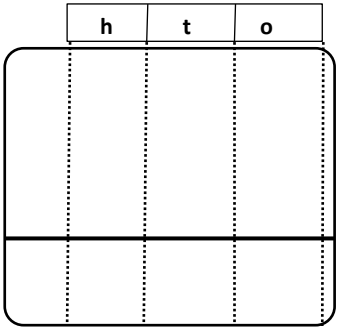
⑦ 316＋442



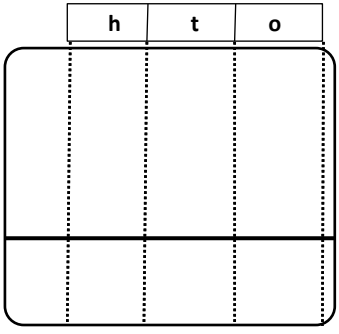
⑧ 684＋115



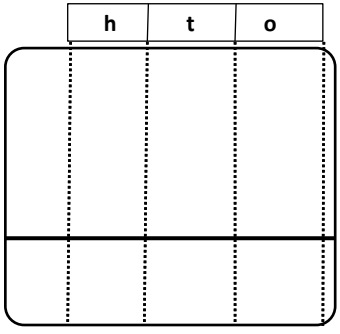
⑨ 615＋182



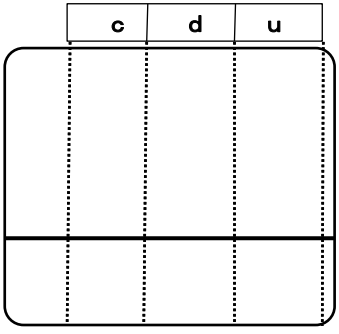
⑩ 314＋236



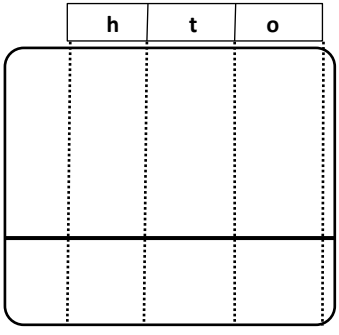
⑪ 389＋408



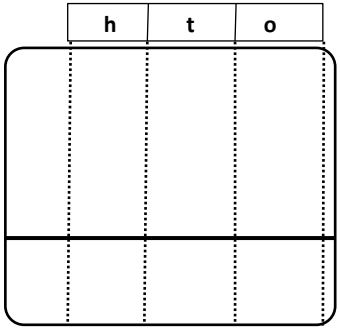
⑫ 123＋749



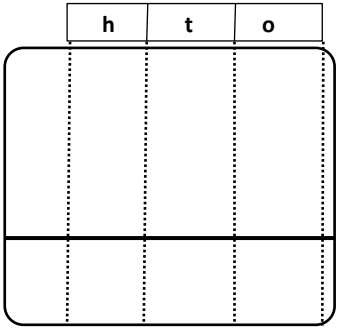
⑬ 228＋536



⑭ 379＋318



⑮ 358＋425



“o” means ●, “t” means ×, “h” means ○.

Example Solve. Make sure to write “+” and the horizontal line.

318＋246

h	t	o

318＋246

h	t	o
	1	
3	1	8
＋ 2	4	6
5	6	4

Do NOT forget!!

Good!

Exercise Solve. Make sure to write “+” and the horizontal line.

① 125＋767

h	t	o

②133＋629

h	t	o

③ 458＋423

h	t	o

④ 127＋765

h	t	o

⑤534＋128

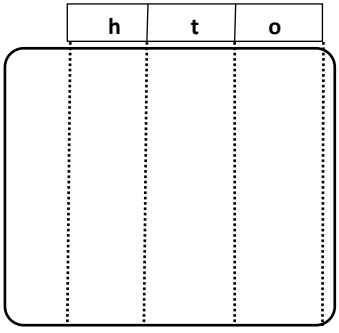
h	t	o

⑥ 526＋325

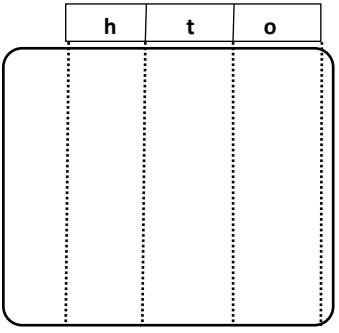
h	t	o

Exercise Solve. Make sure to write “+” and the horizontal line.

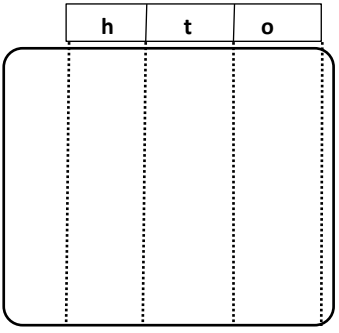
⑦ 427＋432



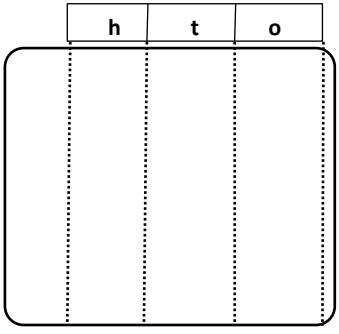
⑧ 516＋142



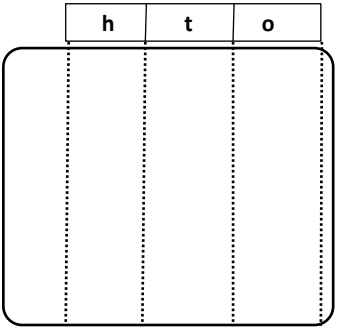
⑨ 206＋402



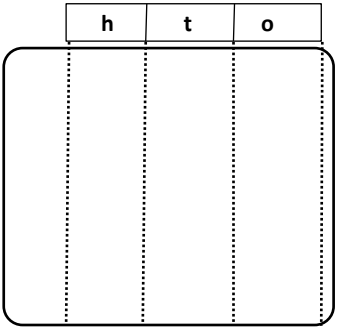
⑩ 421＋509



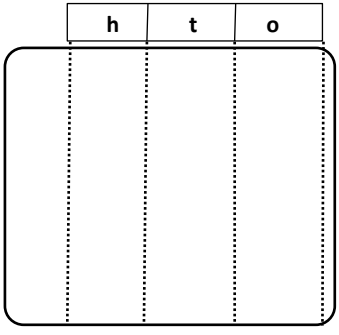
⑪ 238＋653



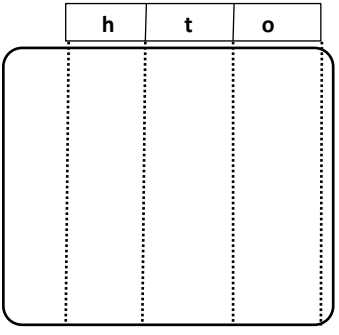
⑫ 247＋537



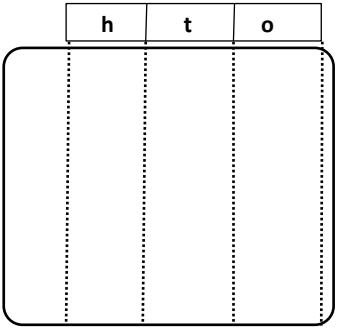
⑬ 326＋354



⑭ 225＋327



⑮ 567＋126



“o” means ●, “t” means ×, “h” means ○.

Solve.

$462+183$

h	t	o
4	6	2
+ 1	8	3
		5

We calculate from the ‘‘o’’ even the number is bigger.

2+3=⑤

Let’s calculate at the ‘‘h’’ and ‘‘t’’.

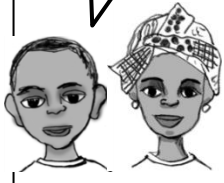
$462+183$

h	t	o
1		
4	6	2
+ 1	8	3
6	4	5

We write 1 of 14 at the top of ‘‘h’’ and 4 of 14 at the answer place of ‘‘t’’.

1+4+1=⑥

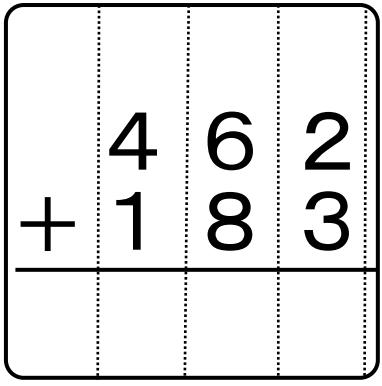
6+8=⑭



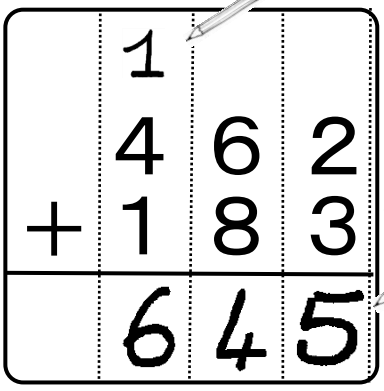
Good!

Example Solve.

462＋183



462＋183



Exercise Solve.

① 162＋597

	1	6	2
＋	5	9	7

② 437＋281

	4	3	7
＋	2	8	1

③ 361＋264

	3	6	1
＋	2	6	4

④ 693＋124

	6	9	3
＋	1	2	4

⑤ 577＋246

	5	7	7
＋	2	4	6

⑥ 258＋698

	2	5	8
＋	6	9	8

⑦ 134＋78

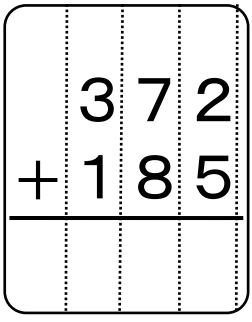
	1	3	4
＋		7	8

⑧ 475＋68

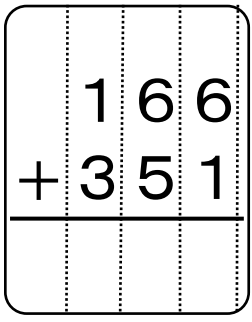
	4	7	5
＋		6	8

Exercise Solve.

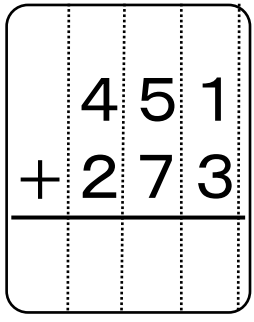
⑨ 372＋185



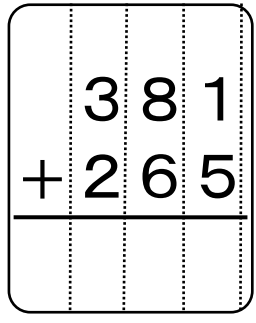
⑩ 166＋351



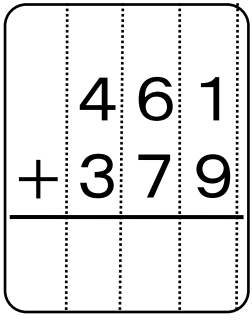
⑪ 451＋273



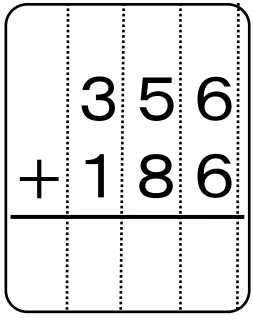
⑫ 381＋265



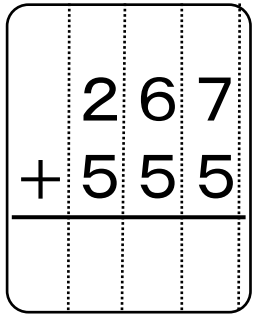
⑬ 461＋379



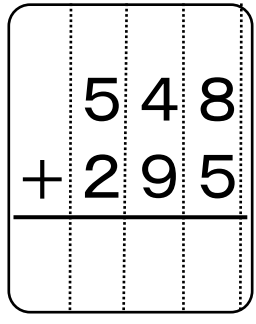
⑭ 356＋186



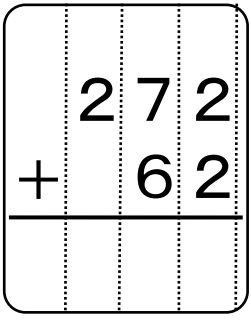
⑮ 267＋555



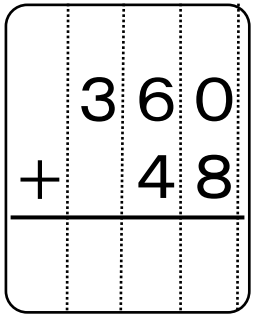
⑯ 548＋295



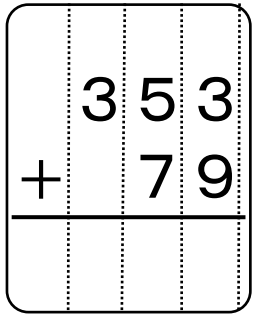
⑰ 272＋62



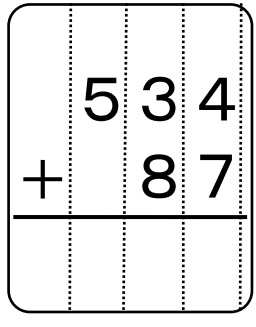
⑱ 360＋48



⑲ 353＋79



⑳ 534＋87



"o" means ●, "t" means ×, "h" means ○.

Example Solve. Make sure to write "＋" and the horizontal line.

462＋183

h	t	o
＋		

462＋183

h	t	o
1		
4	6	2
＋ 1	8	3
6	4	5

Do NOT forget!!

Good!

Exercise Solve. Make sure to write "＋" and the horizontal line.

① 157＋362

h	t	o

②773＋156

h	t	o

③ 554＋289

h	t	o

④ 484＋329

h	t	o

⑤272＋64

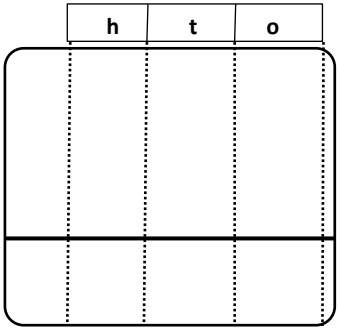
h	t	o

⑥ 377＋53

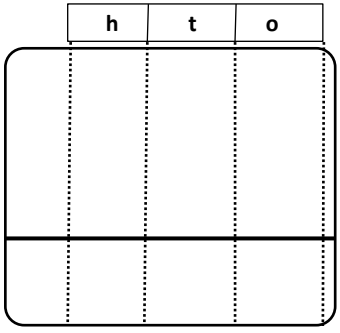
h	t	o

Exercise Solve. Make sure to write "＋" and the horizontal line.

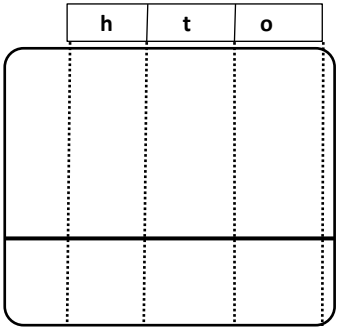
⑦ 674＋242



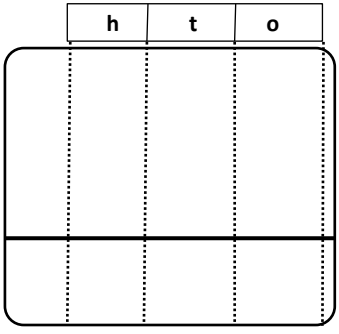
⑧ 784＋151



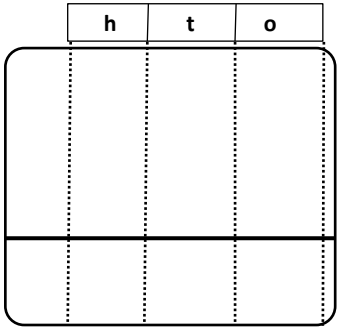
⑨ 653＋192



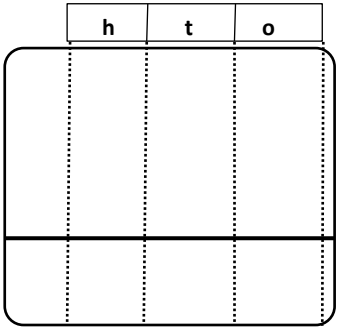
⑩ 568＋263



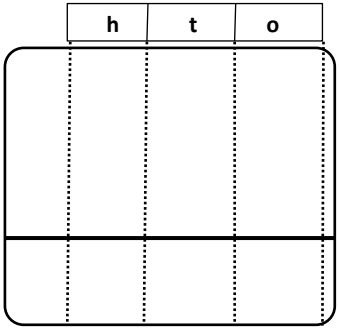
⑪ 389＋438



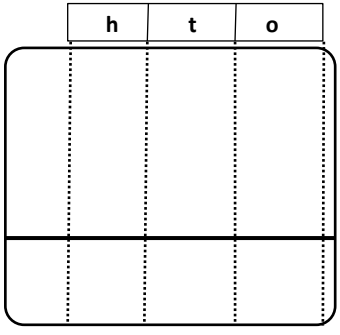
⑫ 333＋479



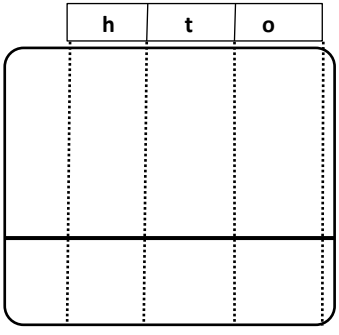
⑬ 280＋57



⑭ 379＋66



⑮ 358＋75



"o" means ●, "t" means ×, "h" means ○.

Example Solve. Make sure to write "＋" and the horizontal line.

462＋183

h	t	o

462＋183

h	t	o
	1	
	4	6 2
＋	1	8 3
	6	4 5

Do NOT forget!!

Exercise Solve. Make sure to write "＋" and the horizontal line.

① 155＋762

h	t	o

②385＋220

h	t	o

③ 358＋375

h	t	o

④ 197＋765

h	t	o

⑤534＋71

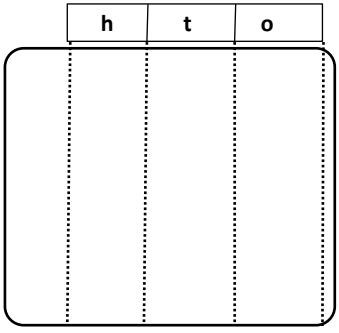
h	t	o

⑥ 896＋35

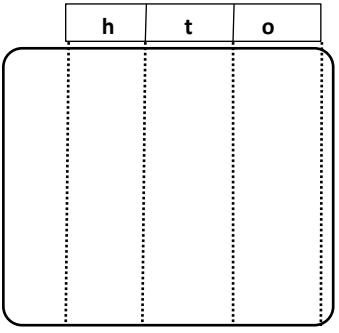
h	t	o

Exercise Solve. Make sure to write "＋" and the horizontal line.

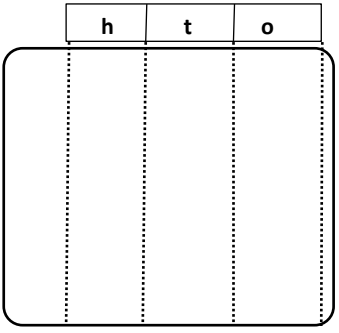
⑦ 427＋481



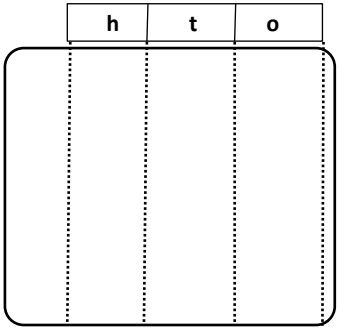
⑧ 579＋140



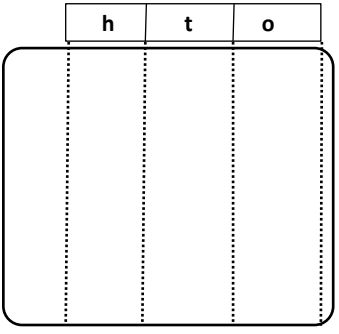
⑨ 236＋482



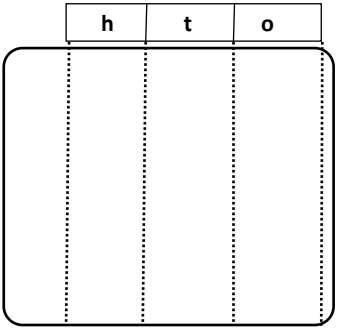
⑩ 421＋199



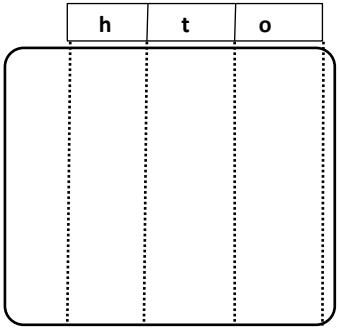
⑪ 288＋653



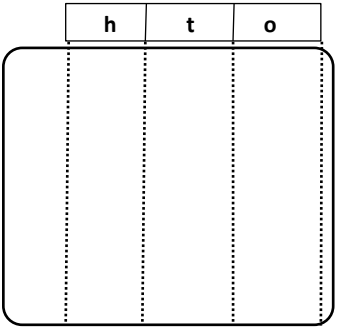
⑫ 277＋537



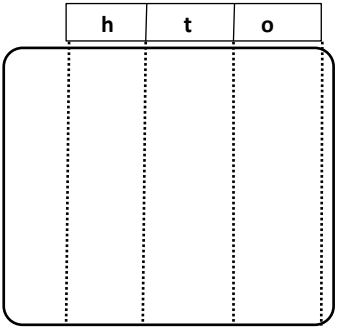
⑬ 386＋54



⑭ 252＋79



⑮ 567＋88



"o" means ●, "t" means ×, "h" means ○.

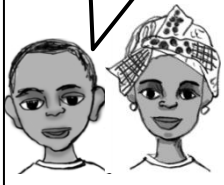
Solve.

$238+265$

h	t	o
	1	
2	3	8
+ 2	6	5
	1	
		3

8+5=⑬

We write 1 of 13 at the top of "t" and 3 of 13 at the answer place of "o".



Let's calculate at the "h" and "t".

$238+265$

There is 10 at the "t", so move it to the "h"".

h	t	o
1	1	
2	3	8
+ 2	6	5
5	0	3

1+3+6=⑩

1+2+2=⑤

Become calculation of 3 numbers at the "h".

Example Solve.

238＋265

	2	3	8
＋	2	6	5

⇨

238＋265

	1	1	
	2	3	8
＋	2	6	5
	5	0	3

Exercise Solve.

① 379＋324

	3	7	9
＋	3	2	4

② 269＋535

	2	6	9
＋	5	3	5

③ 455＋147

	4	5	5
＋	1	4	7

④ 325＋476

	3	2	5
＋	4	7	6

⑤ 546＋257

	5	4	6
＋	2	5	7

⑥ 483＋18

	4	8	3
＋		1	8

⑦ 536＋65

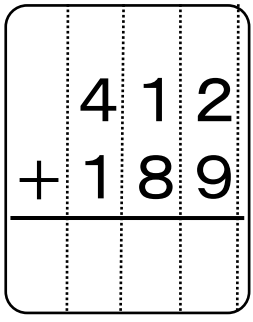
	5	3	6
＋		6	5

⑧ 295＋5

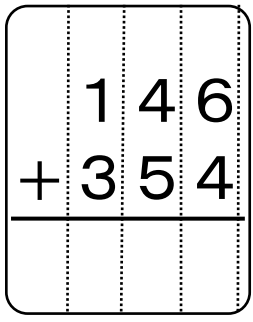
	2	9	5
＋			5

Exercise Solve.

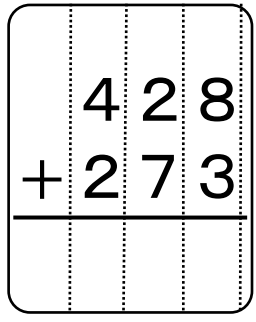
⑨ 412＋189



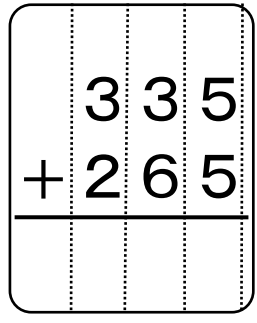
⑩ 146＋354



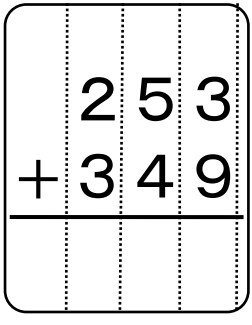
⑪ 428＋273



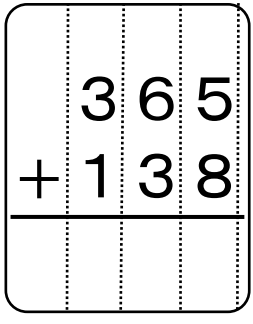
⑫ 335＋265



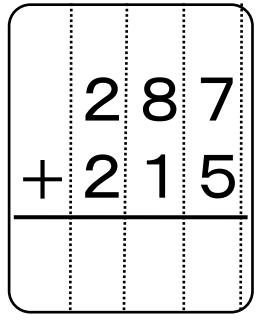
⑬ 253＋349



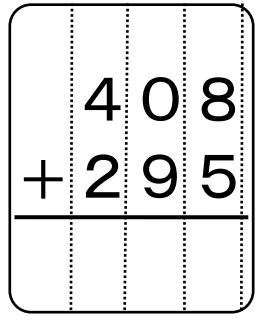
⑭ 365＋138



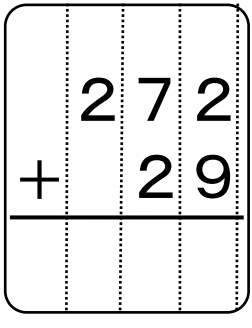
⑮ 287＋215



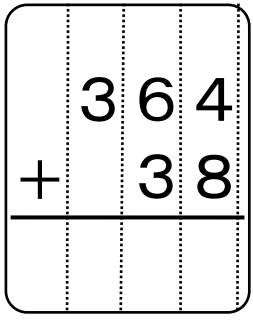
⑯ 408＋295



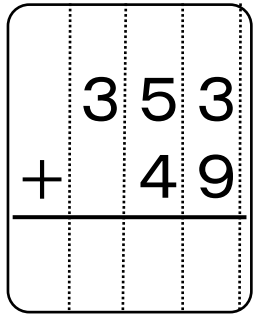
⑰ 272＋29



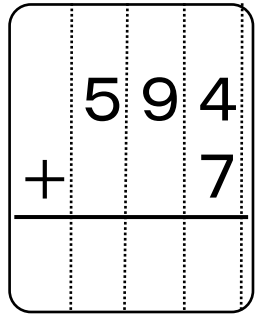
⑱ 364＋38



⑲ 353＋49



⑳ 594＋7



“o” means ●, “t” means ×, “h” means ○.

Example Solve. Make sure to write “+”.

238＋265

h	t	o
＋		

238＋265

h	t	o
1	1	
2	3	8
＋ 2	6	5
5	0	3

Do NOT forget!!

Good!

Exercise Solve. Make sure to write “+”.

① 137＋364

h	t	o

②643＋158

h	t	o

③ 214＋289

h	t	o

④ 284＋19

h	t	o

⑤232＋69

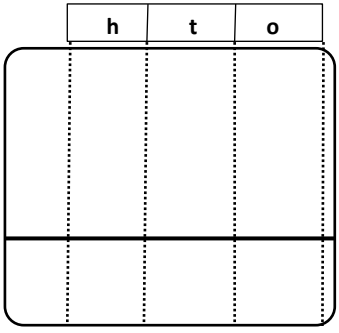
h	t	o

⑥ 395＋8

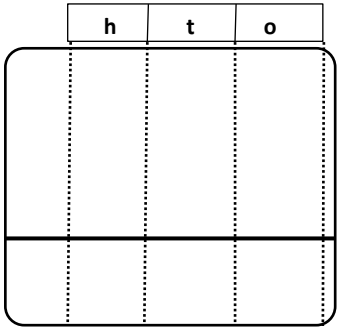
h	t	o

Exercise Solve. Make sure to write “+”.

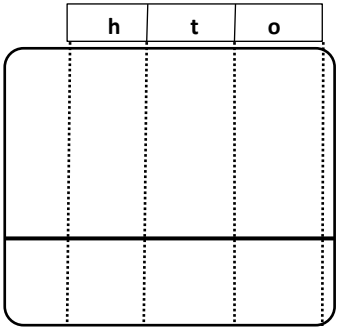
⑦ 674＋228



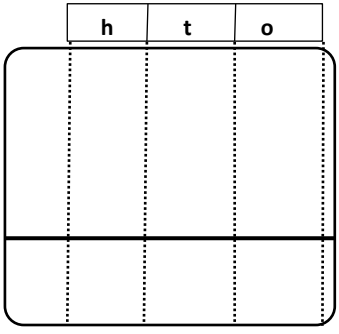
⑧ 784＋119



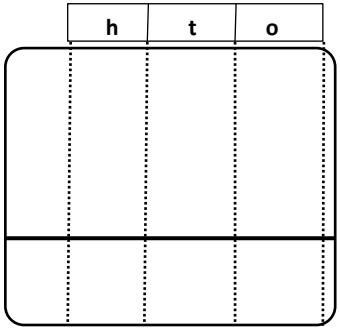
⑨ 607＋197



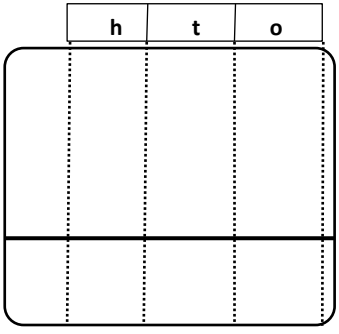
⑩ 538＋263



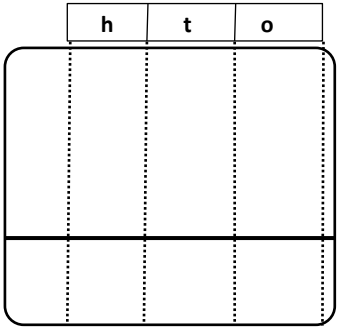
⑪ 393＋409



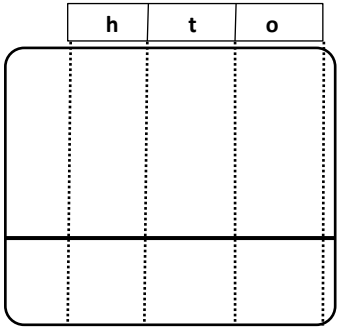
⑫ 353＋49



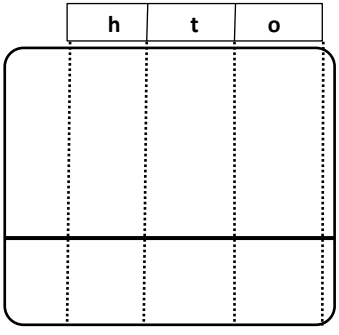
⑬ 248＋57



⑭ 379＋26



⑮ 594＋8



"o" means ●, "t" means ×, "h" means ○.

Example Solve. Make sure to write "+" and the horizontal line.

238＋265

h	t	o

238＋265

h	t	o
1	1	
2	3	8
＋ 2	6	5
5	0	3

Do NOT forget!!

Good!

Exercise Solve. Make sure to write "+" and the horizontal line.

① 155＋348

h	t	o

②385＋216

h	t	o

③ 228＋475

h	t	o

④ 137＋65

h	t	o

⑤527＋75

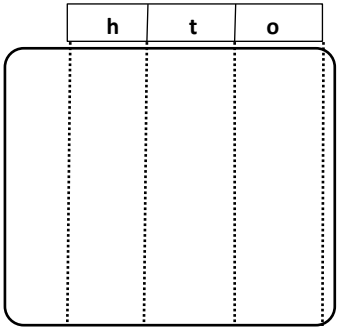
h	t	o

⑥ 896＋5

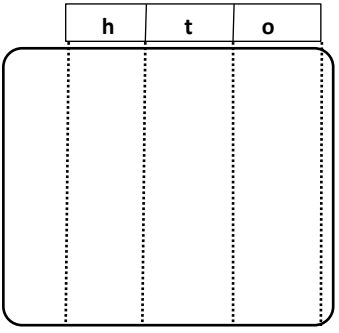
h	t	o

Exercise Solve. Make sure to write "+" and the horizontal line.

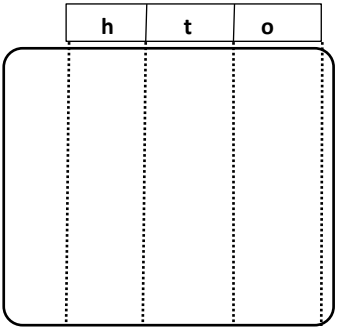
⑦ 217＋388



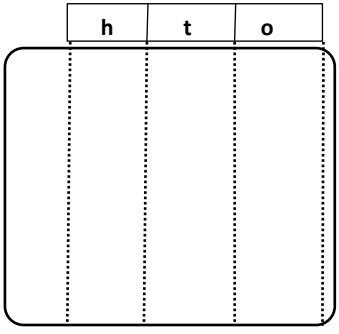
⑧ 479＋123



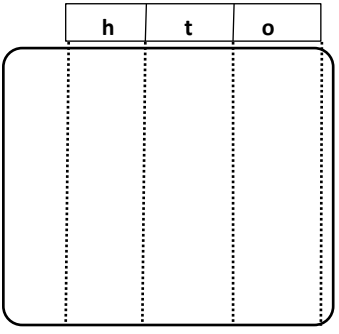
⑨ 236＋469



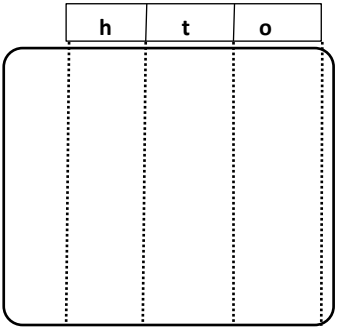
⑩ 401＋199



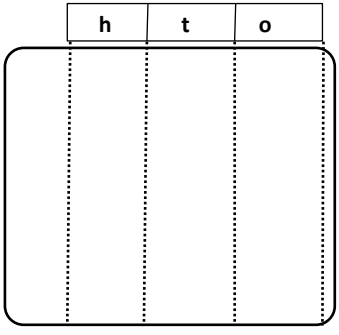
⑪ 248＋653



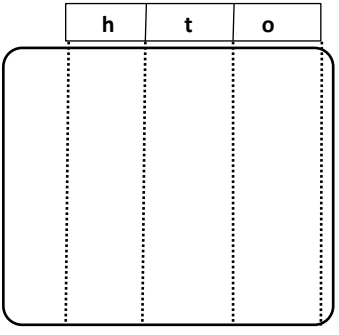
⑫ 267＋537



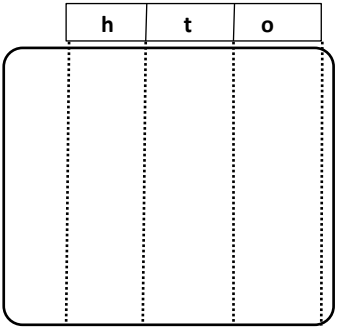
⑬ 386＋14



⑭ 222＋79



⑮ 597＋8



"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Solve.

$835+423$

th	h	t	o
	8	3	5
+	4	2	3
		5	8

We calculate in order: first, at the ''o'' and second at the ''t''.

$3+2=5$

$5+3=8$

Calculate the number at the ''h''.

$835+423$

th	h	t	o
	8	3	5
+	4	2	3
1	2	5	8

$8+4=12$

We write 1 of 12 at the answer place of ''th'' and 2 of 12 at the answer place of ''h''

Good!

Example Solve.

835+423

	8	3	5
+	4	2	3

835+423

	8	3	5
+	4	2	3
	1	2	5	8

Exercise Solve..

① 524+665

	5	2	4
+	6	6	5

② 357+921

	3	5	7
+	9	2	1

③ 763+414

	7	6	3
+	4	1	4

④ 645+832

	6	4	5
+	8	3	2

⑤ 646+636

	6	^{1}4	6
+	6	3	6

⑥ 828+367

	8	^{1}2	8
+	3	6	7

⑦ 482+667

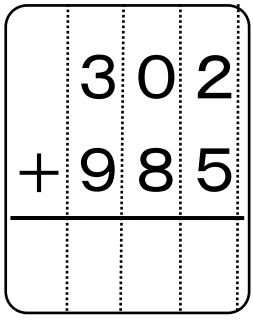
	^{1}4	8	2
+	6	6	7

⑧ 981+755

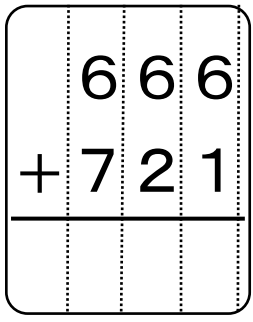
	^{1}9	8	1
+	7	5	5

Exercise Solve.

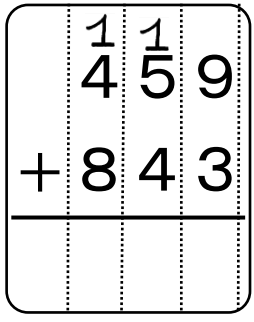
⑨ 302＋985



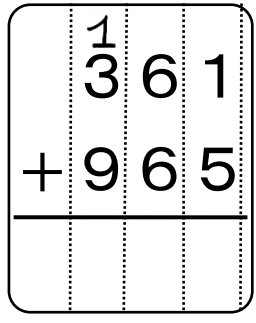
⑩ 666＋721



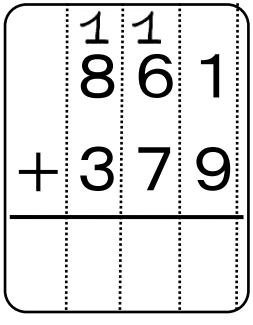
⑪ 459＋843



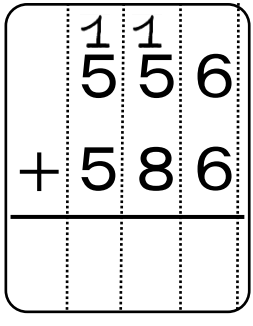
⑫ 361＋965



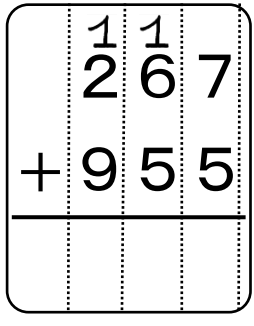
⑬ 861＋379



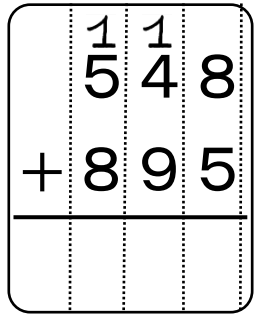
⑭ 556＋586



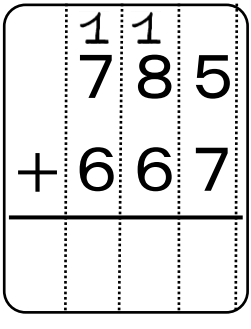
⑮ 267＋955



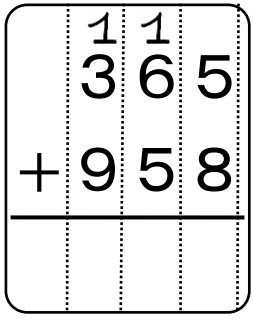
⑯ 548＋895



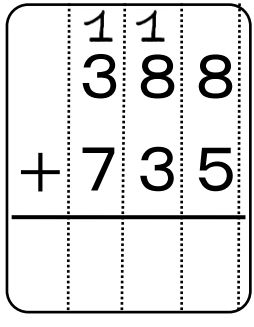
⑰ 785＋667



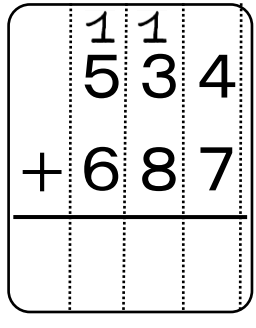
⑱ 365＋958



⑲ 388＋735



⑳ 534＋687

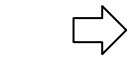


“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Make sure to write “+”.

835＋423

th	h	t	o
+			



835＋423

th	h	t	o
	8	3	5
+	4	2	3
1	2	5	8

Do NOT forget!!

Exercise Solve. Make sure to write “+”.

①225 ＋ 933

th	h	t	o

②641 ＋ 726

th	h	t	o

③854 ＋ 415

th	h	t	o

④536 ＋ 753

th	h	t	o

⑤527 ＋ 651

th	h	t	o

⑥464 ＋ 822

th	h	t	o

Exercise Solve. Make sure to write “+”.

⑦463＋919

th	h	t	o

⑧724＋738

th	h	t	o

⑨637＋455

th	h	t	o

⑩253＋964

th	h	t	o

⑪593＋722

th	h	t	o

⑫485＋731

th	h	t	o

⑬361＋859

th	h	t	o

⑭278＋935

th	h	t	o

⑮785＋647

th	h	t	o

"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Make sure to write "+" and the horizontal line.

835＋423

h	t	o

835＋423

h	t	o
8	3	5
＋ 4	2	3
1	2	5	8

Do NOT forget!!

Good!

Exercise Solve. Make sure to write "+" and the horizontal line.

①315 ＋ 763

th	h	t	o

②841 ＋ 452

th	h	t	o

③645 ＋ 613

th	h	t	o

④712 ＋ 642

th	h	t	o

⑤316 ＋ 972

th	h	t	o

⑥547 ＋ 752

th	h	t	o

Exercise Solve. Make sure to write “+” and the horizontal line.

⑦252＋928

th	h	t	o

⑧322＋819

th	h	t	o

⑨526＋658

th	h	t	o

⑩463＋762

th	h	t	o

⑪283＋822

th	h	t	o

⑫570＋758

th	h	t	o

⑬739＋473

th	h	t	o

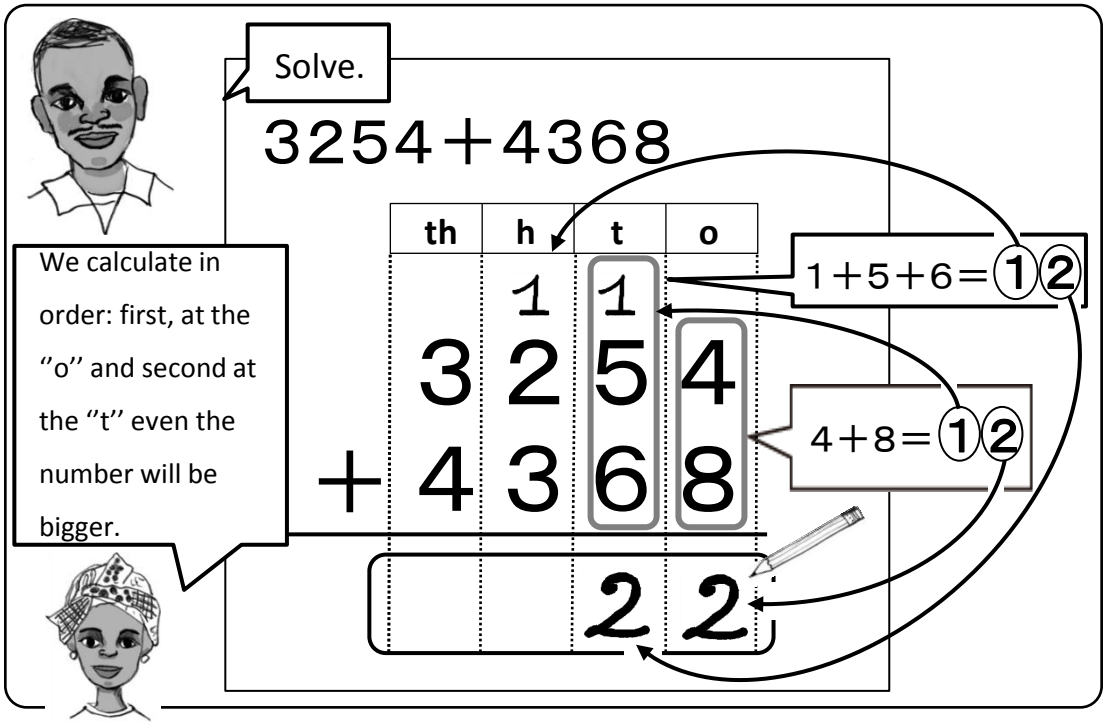
⑭863＋948

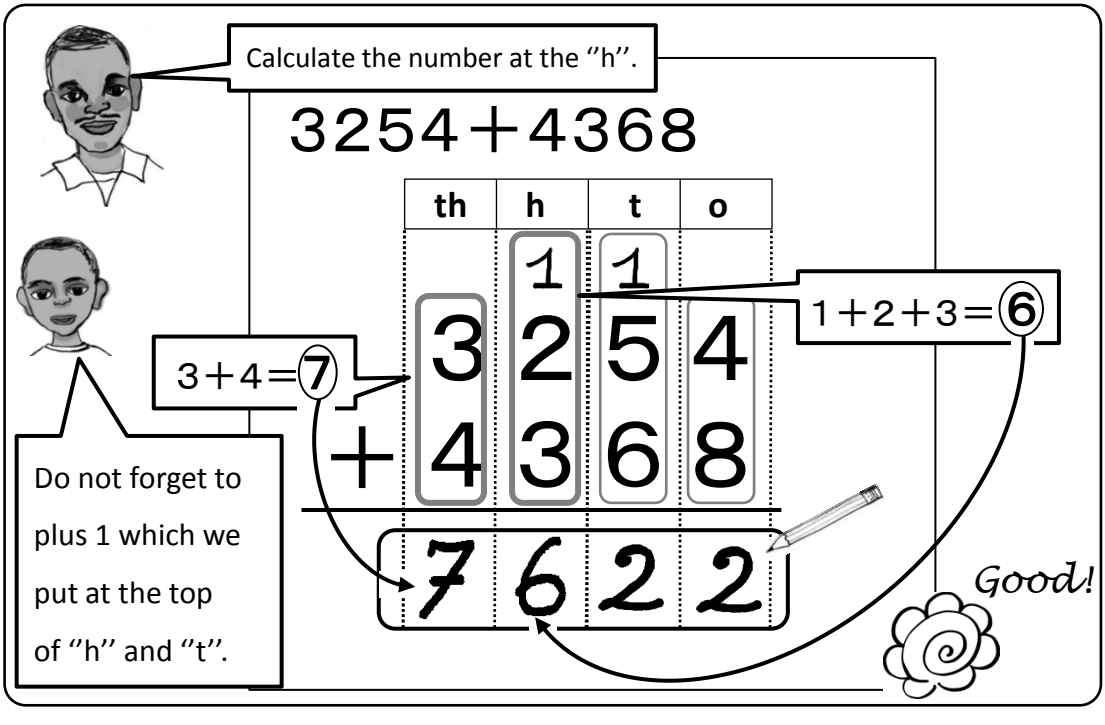
th	h	t	o

⑮687＋635

th	h	t	o

"o" means ●, "t" means ×, "h" means ○, ''th'' means □.





Example Solve.

3254＋4368

	3	2	5	4
＋	4	3	6	8

3254＋4368

		1	1	
	3	2	5	4
＋	4	3	6	8
	7	6	2	2

Good!

Exercise Solve.

① 2724＋3158

	2	7	2	4
＋	3	1	5	8

② 5357＋2135

	5	3	5	7
＋	2	1	3	5

③ 1263＋4154

	1	2	6	3
＋	4	1	5	4

④ 5095＋1832

	5	0	9	5
＋	1	8	3	2

⑤ 2643＋1636

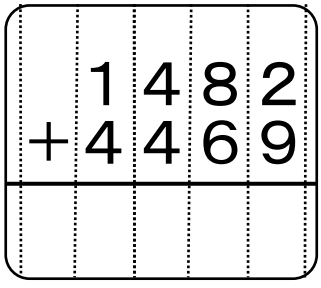
	2	6	4	3
＋	1	6	3	6

⑥ 5828＋3341

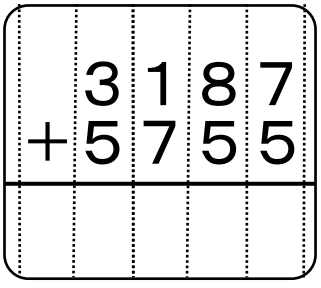
	5	8	2	8
＋	3	3	4	1

Exercise Solve..

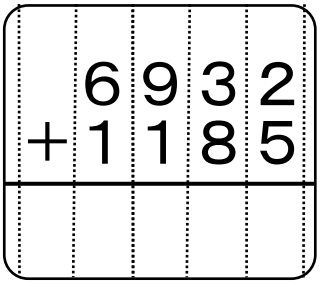
⑦ 1482＋4469



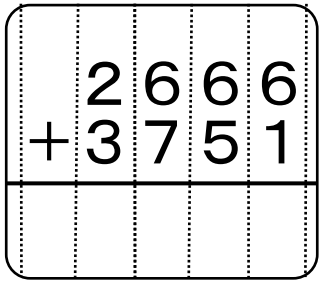
⑧ 3187＋5755



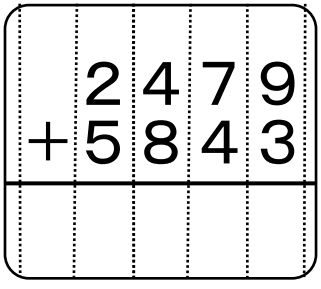
⑨ 6932＋1185



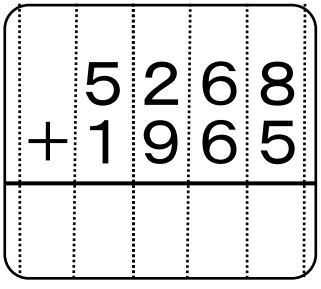
⑩ 2666＋3751



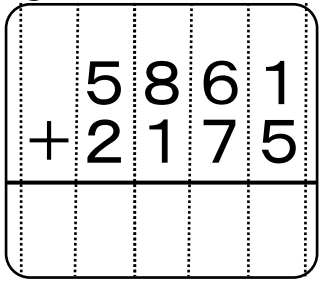
⑪ 2479＋5843



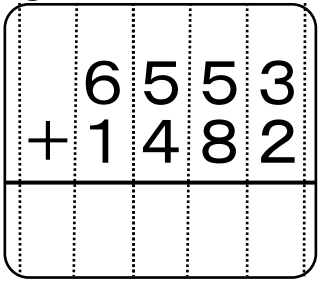
⑫ 5268＋1965



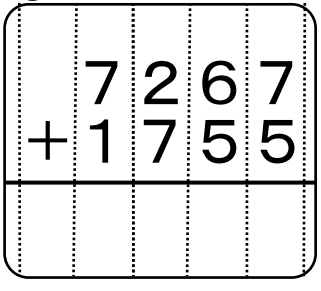
⑬ 5861＋2175



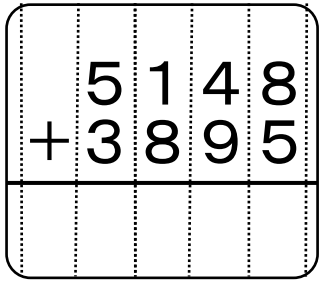
⑭ 6553＋1482



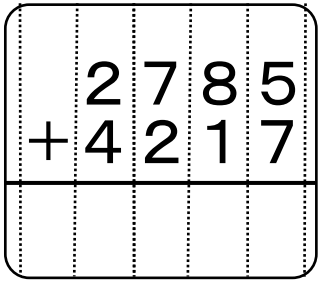
⑮ 7267＋1755



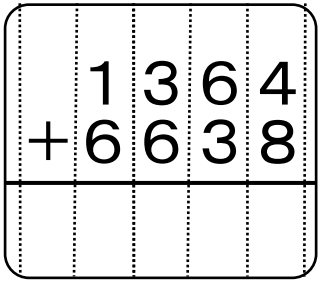
⑯ 5148＋3895



⑰ 2785＋4217



⑱ 1364＋6638



"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Make sure to write "+".

3254+4368

th	h	t	o
+			

3254+4368

th	h	t	o
	3	2	5	4
+	4	3	6	8
	7	6	2	2

Do NOT forget!!

Good!

Exercise Solve. Make sure to write "+".

①3125+2339

th	h	t	o

②5146+1726

th	h	t	o

③1654+6175

th	h	t	o

④4362+2553

th	h	t	o

⑤2527+5651

th	h	t	o

⑥2464+4822

th	h	t	o

Exercise Solve. Make sure to write “+”.

⑦6463＋2199

th	h	t	o

⑧1274＋7476

th	h	t	o

⑨5673＋3545

th	h	t	o

⑩2253＋2964

th	h	t	o

⑪3593＋3728

th	h	t	o

⑫4485＋3736

th	h	t	o

⑬3136＋5892

th	h	t	o

⑭2087＋6931

th	h	t	o

⑮1785＋4219

th	h	t	o

"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Make sure to write "+" and the horizontal line.

3254＋4368

th	h	t	o

3254＋4368

th	h	t	o
	3	2	5	4
＋	4	3	6	8
	7	6	2	2

Do NOT forget!!

Good!

Exercise Solve. Make sure to write "+" and the horizontal line.

①1315＋3376

th	h	t	o

②5418＋3145

th	h	t	o

③1465＋6163

th	h	t	o

④2172＋5462

th	h	t	o

⑤2316＋2972

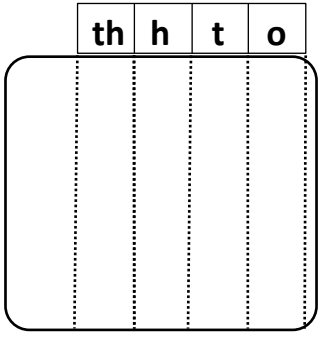
th	h	t	o

⑥4547＋1751

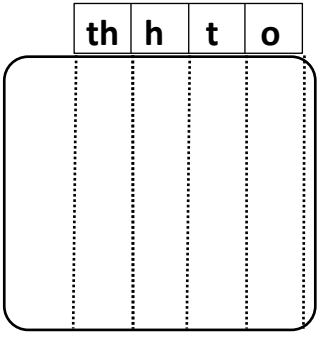
th	h	t	o

Exercise Solve. Make sure to write “+” and the horizontal line.

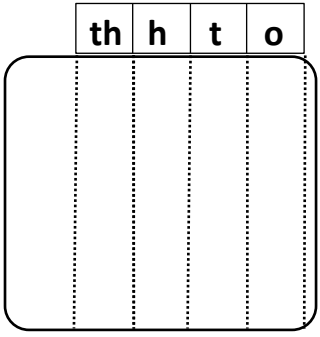
⑦6752＋1982



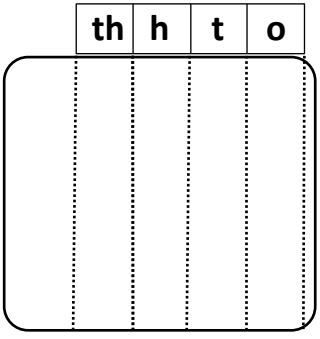
⑧5322＋2981



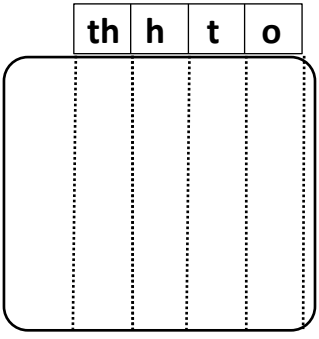
⑨3526＋1798



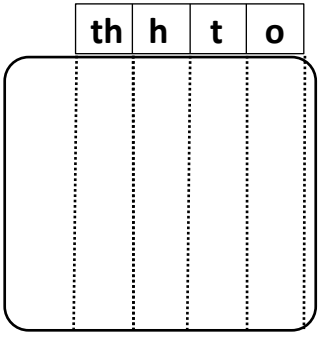
⑩1463＋4768



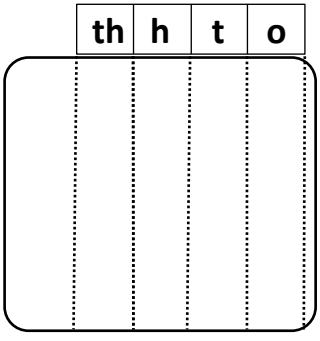
⑪2283＋3735



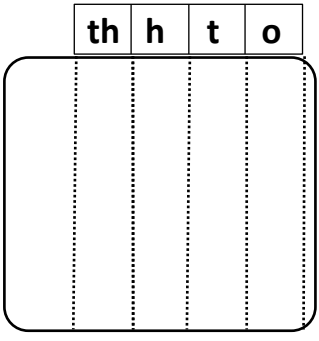
⑫2570＋5498



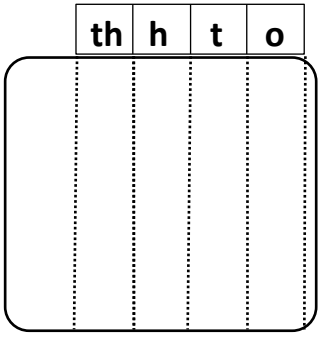
⑬4739＋4273



⑭7863＋1188



⑮3687＋3315



“o” means ●, “t” means ×, “h” means ○, ‘’th’’ means □.

Let’s solve this question. We can calculate by vertical addition even if the numbers are three.

$$36+59+48$$

h	t	o
	3	6
	5	9
+	4	8

Though, we have three numbers, we can start calculating from the “o”.

Do not forget to calculate the carrying from the “o” to the “t”.

$$36+59+48$$

h	t	o
	2	
	3	6
	5	9
+	4	8
	1	4	3

$2+3+5+4=14$

$6+9+8=23$

Good!

The number we carry from the “o” is 2. We have to add four numbers at the “t”.

“o” means ● , “t” means × , “h” means ○, ‘’th’’ means □.

Solve.

$$254+78+349$$

h	t	o
	2	
2	5	4
	7	8
+ 3	4	9
		1

4+8+9=21

78 do not have anything at the ‘’h’’, so write it at the ‘’h’’ and ‘’t’’.

Do not forget to calculate the number which moved from t at the ‘’h’’.

$$254+78+349$$

h	t	o
1	2	
2	5	4
	7	8
+ 3	4	9
6	8	1

2+5+7+4=18

1+2+3=6

1 is the number which move from the ‘’t’’. So we add the three numbers at the ‘’h’’

Example Solve.

36＋59＋48

	3	6
	5	9
＋	4	8

⇨

36＋59＋48

	2	
	3	6
	5	9
＋	4	8
1	4	3

Exercise Solve.

① 23＋78＋25

	2	3
	7	8
＋	2	5

② 48＋95＋21

	4	8
	9	5
＋	2	1

③ 69＋27＋16

	6	9
	2	7
＋	1	6

④ 75＋623＋54

		7	5
	6	2	3
＋		5	4

⑤ 574＋147＋95

	5	7	4
	1	4	7
＋		9	5

⑥ 54＋138＋749

		5	4
	1	3	8
＋	7	4	9

Exercise Solve.

⑦ 96＋45＋32

	9	6	
	4	5	
＋	3	2	

⑧ 58＋43＋28

	5	8	
	4	3	
＋	2	8	

⑨ 278＋31＋154

	2	7	8	
		3	1	
＋	1	5	4	

⑩ 763＋189＋76

	7	6	3	
	1	8	9	
＋		7	6	

⑪ 514＋329＋178

	5	1	4	
	3	2	9	
＋	1	7	8	

⑫ 785＋546＋298

	7	8	5	
	5	4	6	
＋	2	9	8	

⑬ 371＋437＋693

	3	7	1	
	4	3	7	
＋	6	9	3	

⑭ 326＋899＋656

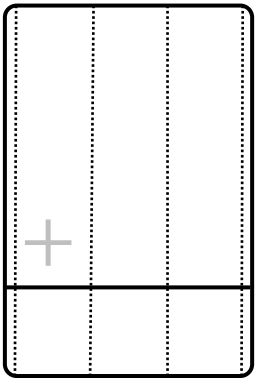
	3	2	6	
	8	9	9	
＋	6	5	6	

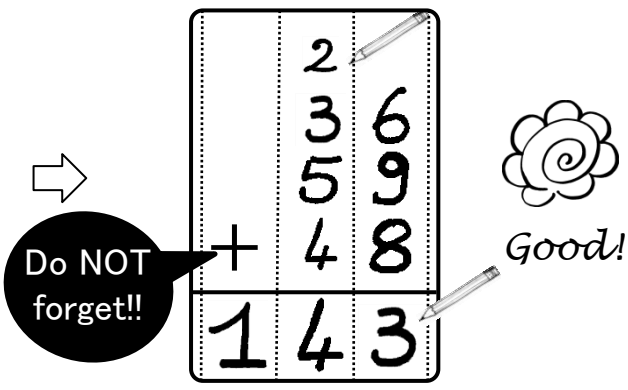
⑮ 135＋829＋364

	1	3	5	
	8	2	9	
＋	3	6	4	

Example Solve. Make sure to write “+”.

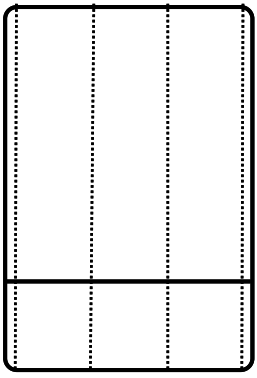
36＋59＋48



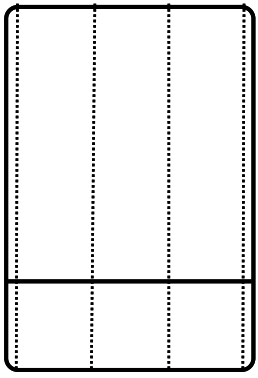


Exercise Solve. Make sure to write “+”.

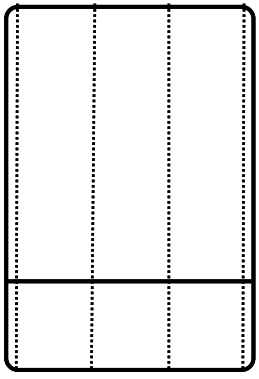
① 73＋28＋41



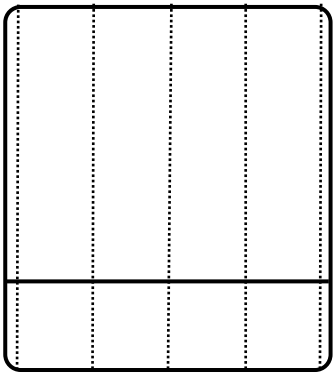
② 67＋54＋38



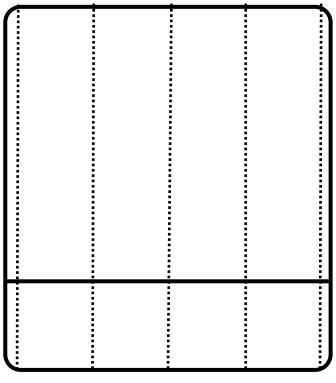
③ 85＋77＋59



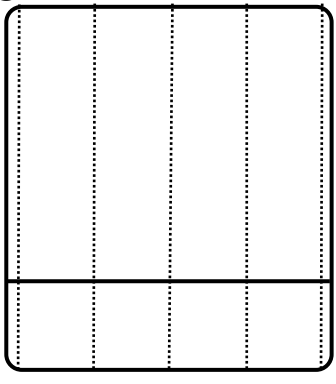
④ 261＋184＋457



⑤ 253＋168＋385

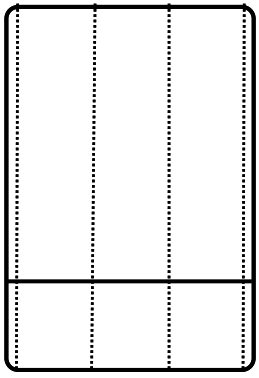


⑥ 226＋409＋195

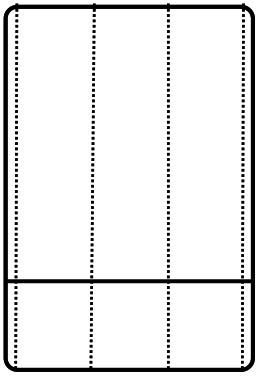


Exercise Solve. Make sure to write “+”.

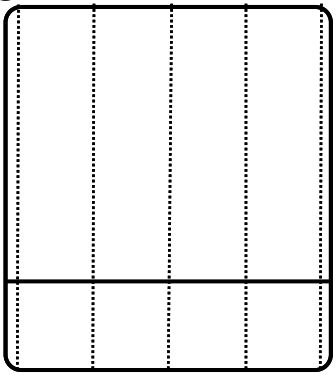
⑦ 96＋39＋28



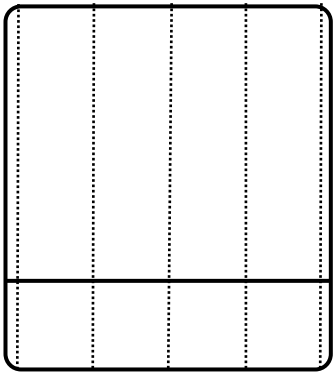
⑧ 87＋55＋49



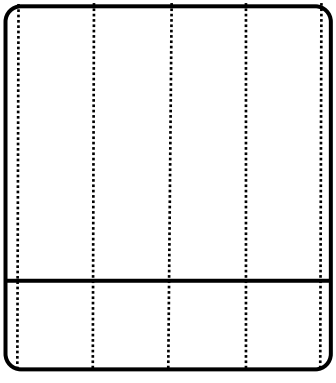
⑨ 346＋56＋129



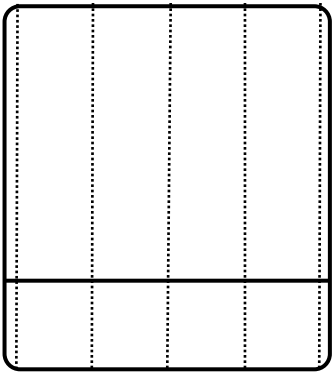
⑩ 854＋93＋368



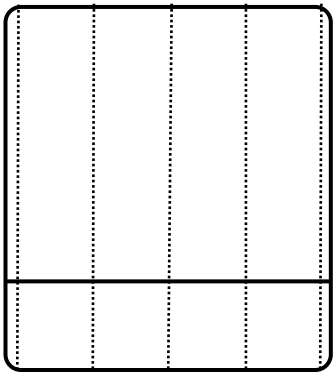
⑪ 537＋25＋584



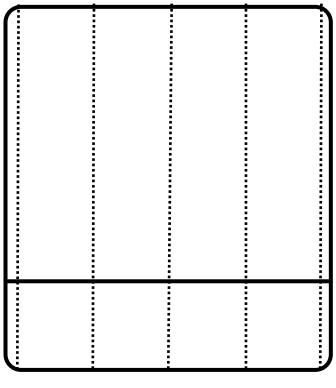
⑫ 348＋276＋158



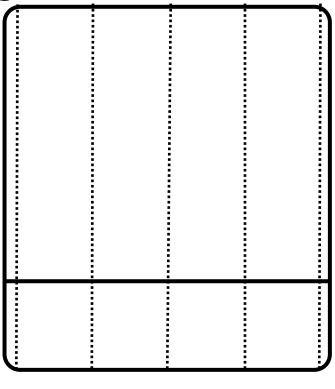
⑬ 825＋149＋178



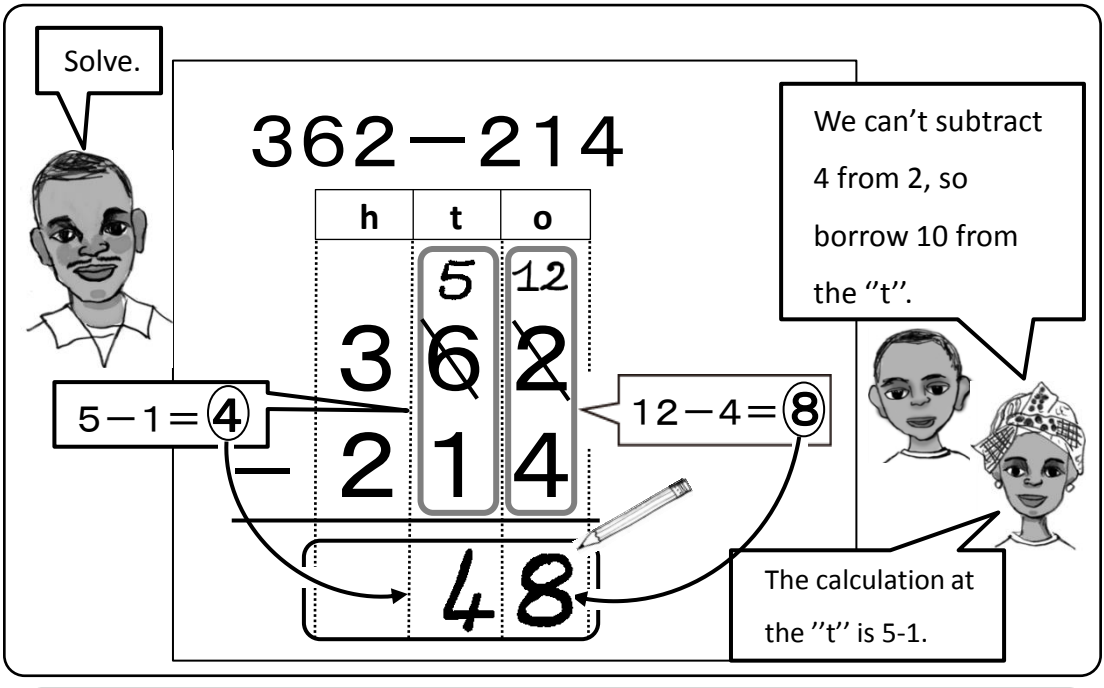
⑭ 962＋586＋739

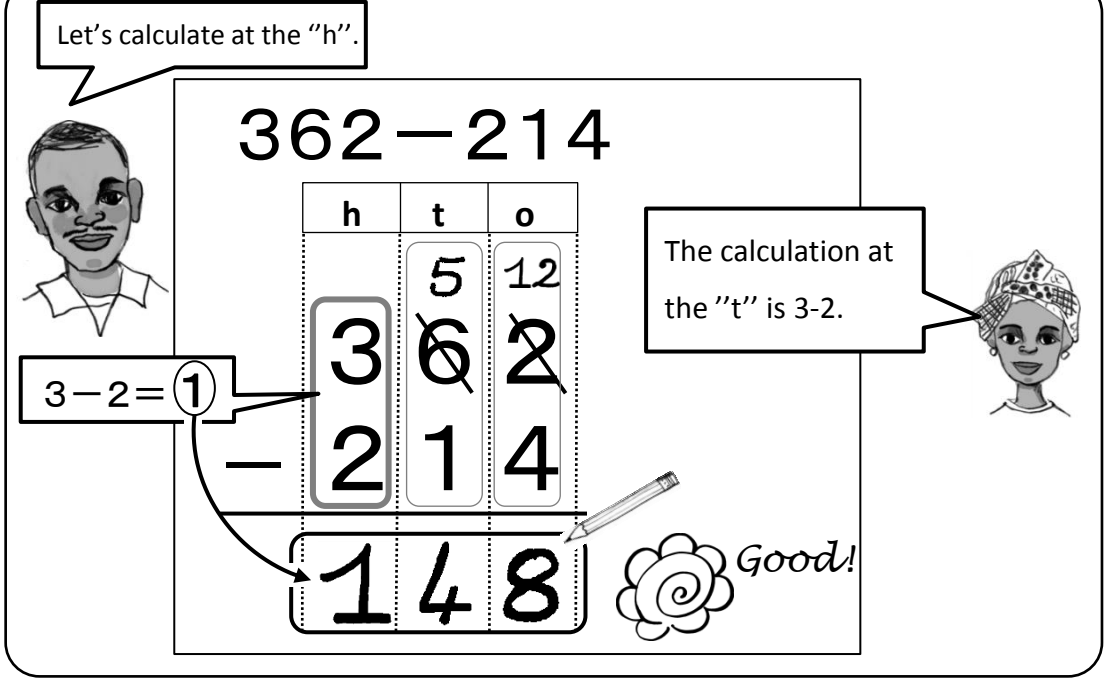


⑮ 546＋439＋196



“o” means ● , “t” means × , “h” means ○, ‘’th’’ means □.





Example Solve.

Cross out the number when it changes.

362−214

	3	6	2
−	2	1	4

⇨

362−214

		5	12
	3	~~6~~	~~2~~
−	2	1	4
	1	4	8

Good!

Do NOT forget!!

Exercise Solve.

Cross out the number when it changes.

①869−134

	8	6	9
−	1	3	4

②649−326

	6	4	9
−	3	2	6

③528−316

	5	2	8
−	3	1	6

④495−322

	4	9	5
−	3	2	2

⑤773−458

	7	7	3
−	4	5	8

⑥251−127

	2	5	1
−	1	2	7

⑦486−129

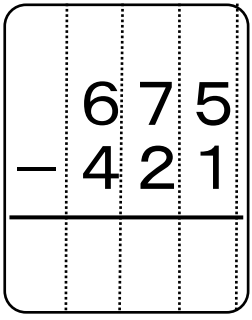
	4	8	6
−	1	2	9

⑧826−719

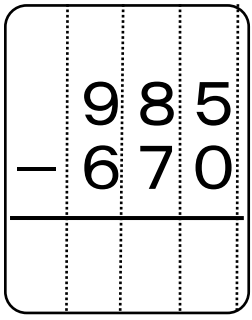
	8	2	6
−	7	1	9

Exercise Solve.
Cross out the number when it changes.

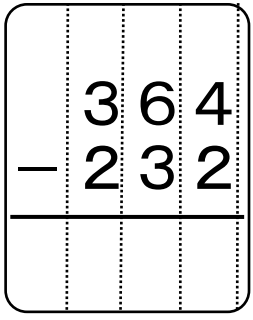
⑨675−421



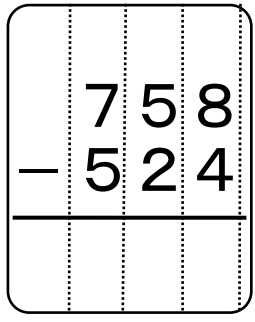
⑩985−670



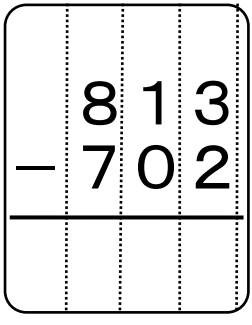
⑪364−232



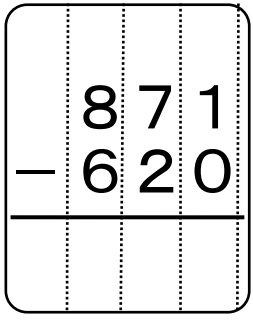
⑫758−524



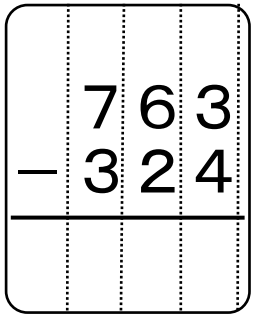
⑬813−702



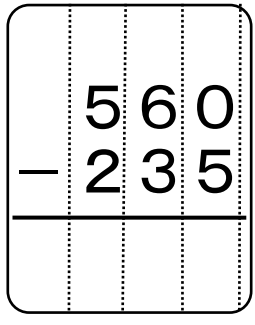
⑭871−620



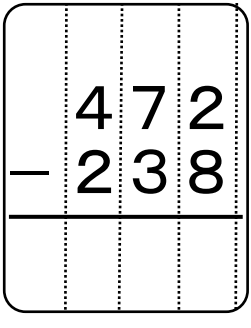
⑮763−324



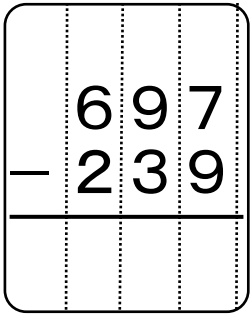
⑯560−235



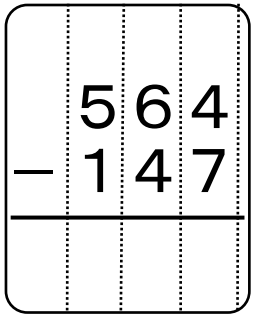
⑰472−238



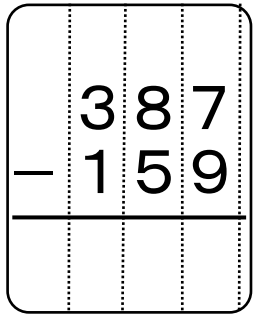
⑱697−239



⑲564−147



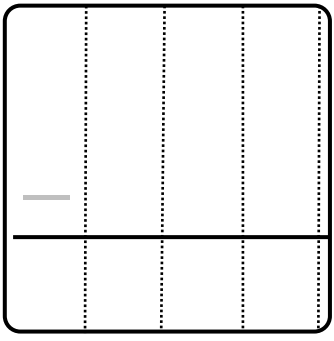
⑳387−159

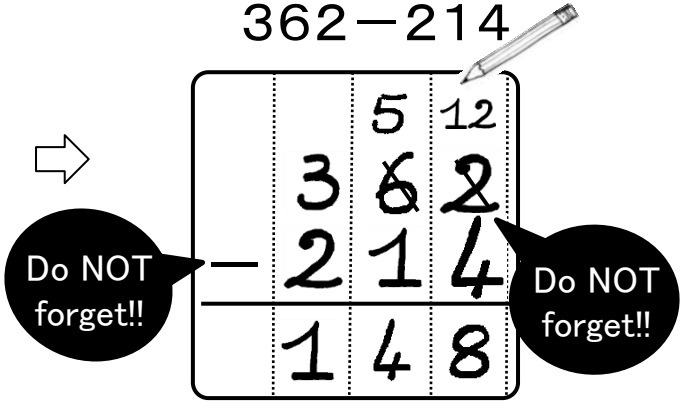


“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Make sure to write “−”.
Cross out the number when it changes.

362−214





Exercise Solve. Make sure to write “−”.
Cross out the number when it changes.

① 476−253

h	t	o

②847−502

h	t	o

③ 687−321

h	t	o

④ 741−328

h	t	o

⑤591−263

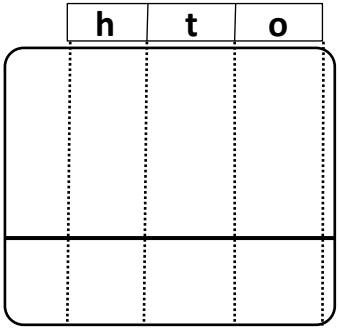
h	t	o

⑥ 986−748

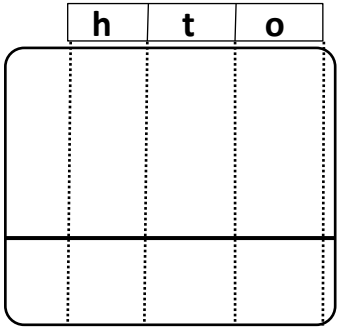
h	t	o

Exercise Solve. Make sure to write "—".
Cross out the number when it changes.

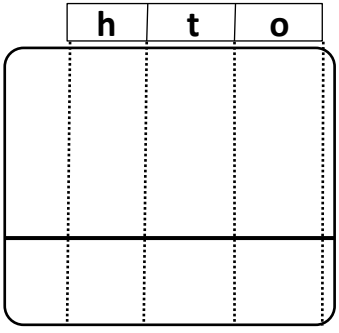
⑦ 732−511



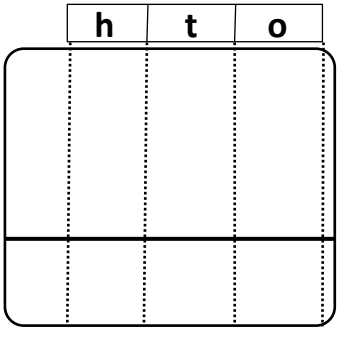
⑧ 852−330



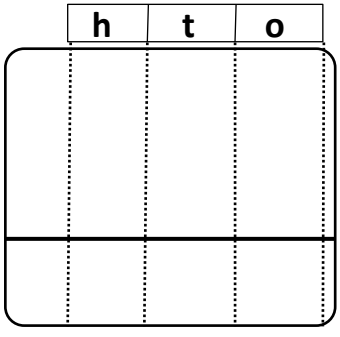
⑨ 579−243



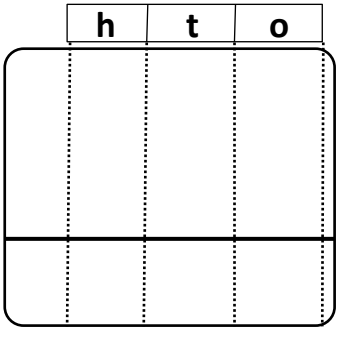
⑩ 549−306



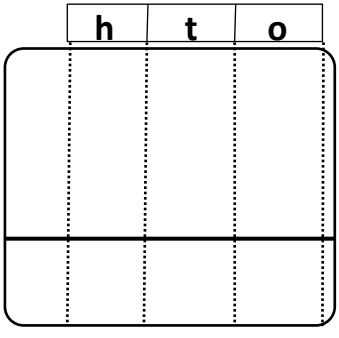
⑪ 482−150



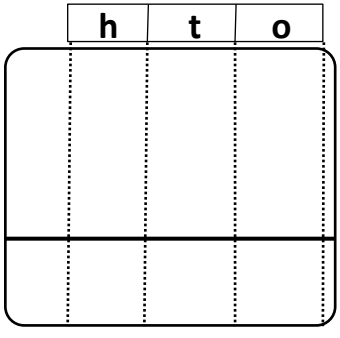
⑫ 295−137



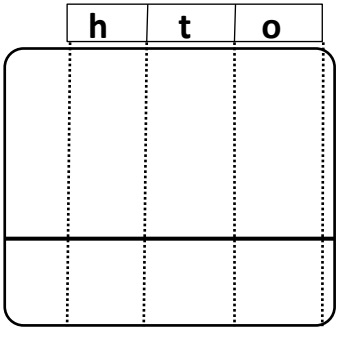
⑬ 685−436



⑭ 417−108



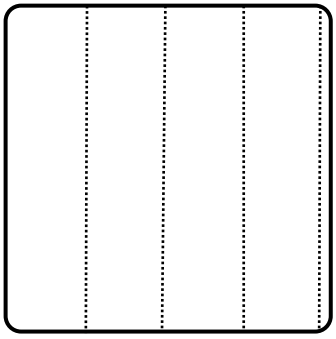
⑮ 872−536



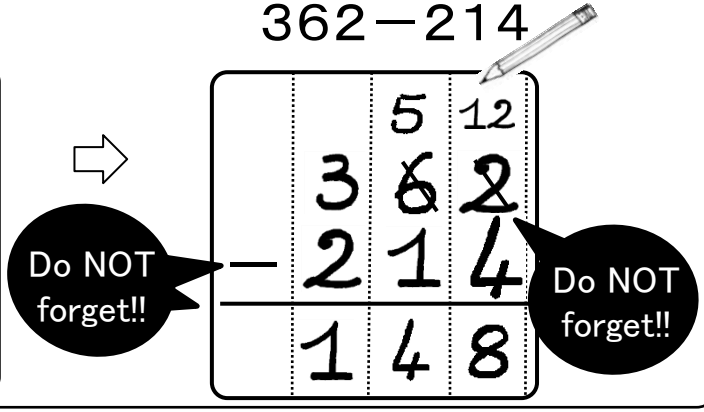
"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Make sure to write "−" and the horizontal line. Cross out the number when it changes.

362−214



362−214



Exercise Solve. Make sure to write "−" and the horizontal line. Cross out the number when it changes.

① 627−514

h	t	o

②678−414

h	t	o

③ 368−143

h	t	o

④ 453−216

h	t	o

⑤770−726

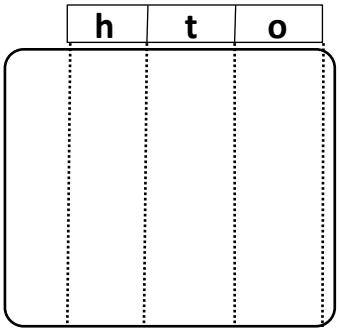
h	t	o

⑥ 561−127

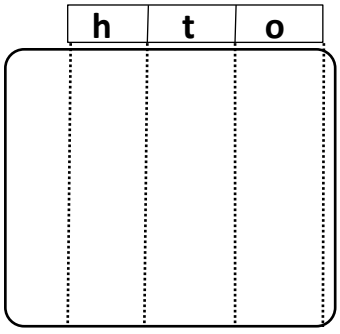
h	t	o

Exercise Solve. Make sure to write "−" and the horizontal line.
Cross out the number when it changes.

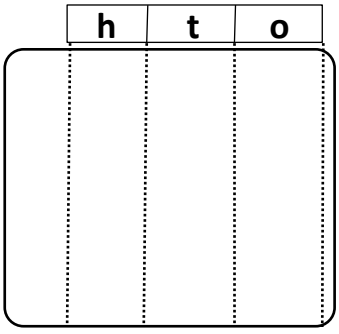
⑦ 436−123



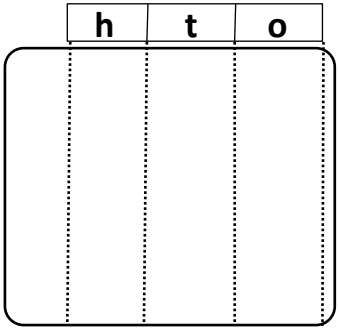
⑧ 854−241



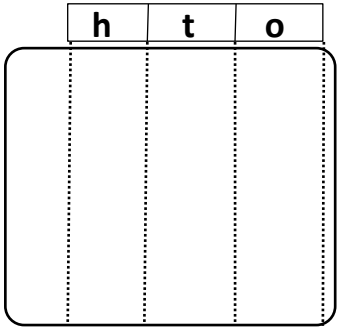
⑨ 358−237



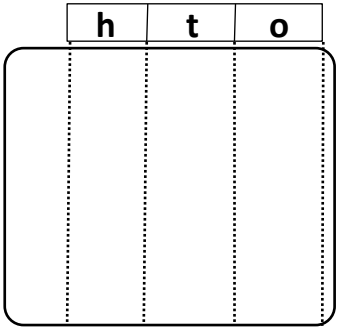
⑩ 275−104



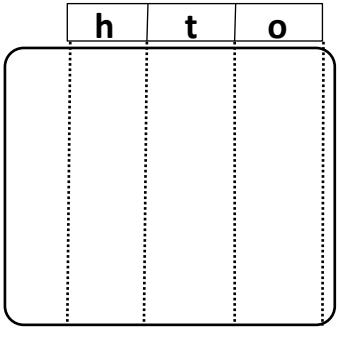
⑪ 567−340



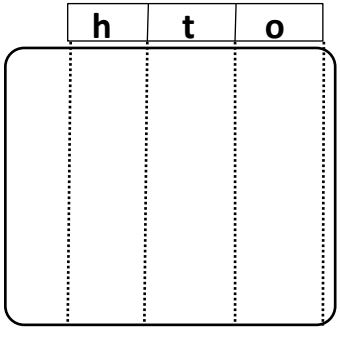
⑫ 723−418



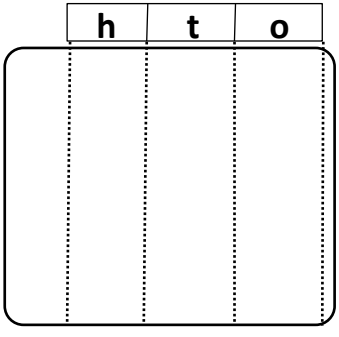
⑬ 634−418



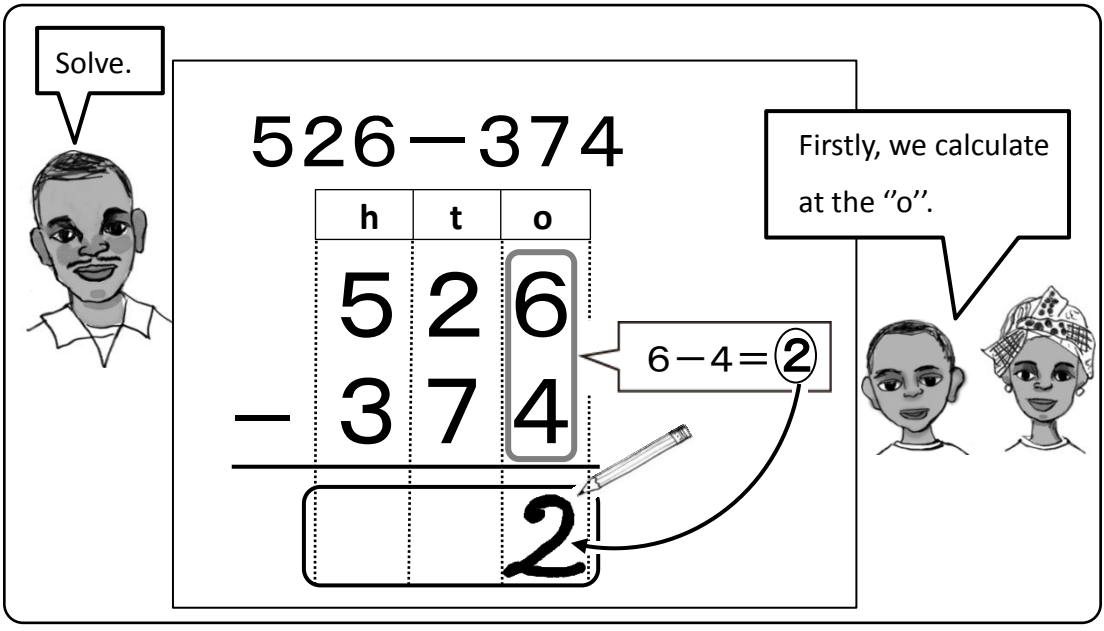
⑭ 971−528

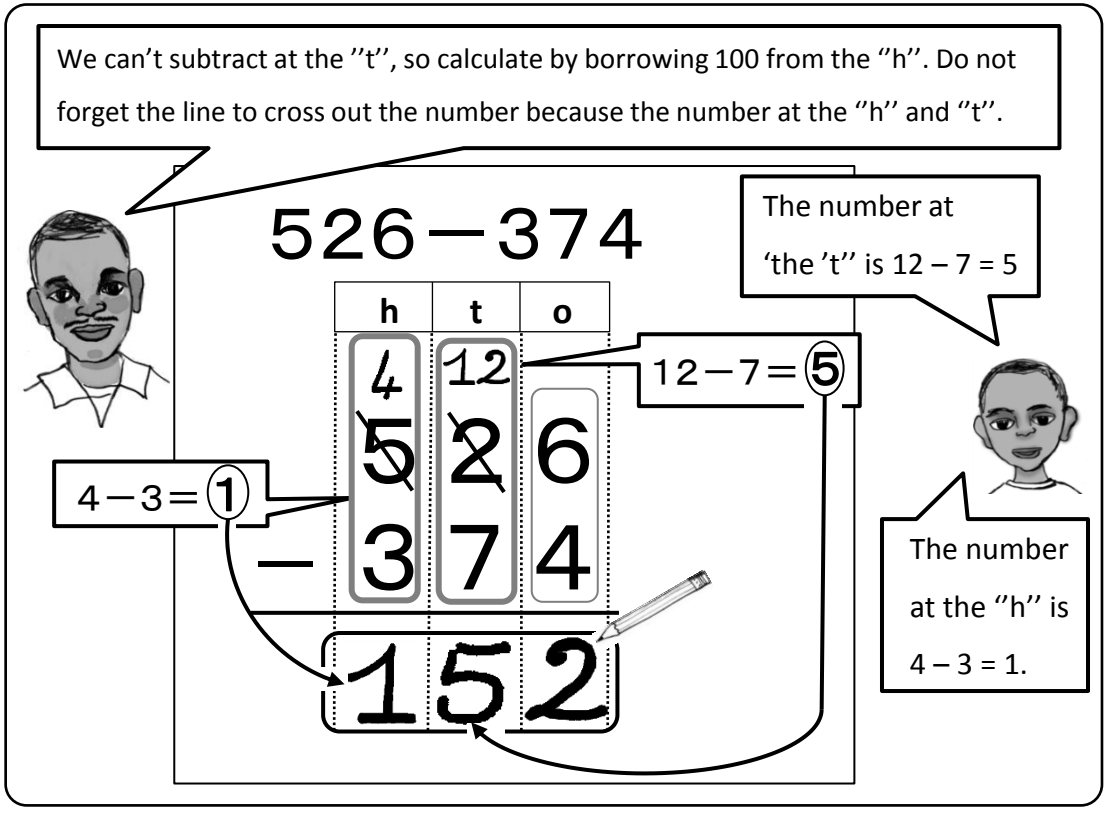


⑮ 624−307



“o” means ●, “t” means ×, “h” means ○, ‘’th’’ means □.





Example Solve.
Cross out the number when it changes.

Good!

526−374

	5	2	6
−	3	7	4

526−374

Do NOT forget!!

	4	12	
	~~5~~	~~2~~	6
−	3	7	4
	1	5	2

Exercise Solve.
Cross out the number when it changes.

①835−564

	8	3	5
−	5	6	4

②974−684

	9	7	4
−	6	8	4

③575−283

	5	7	5
−	2	8	3

④647−365

	6	4	7
−	3	6	5

⑤724−234

	7	2	4
−	2	3	4

⑥954−463

	9	5	4
−	4	6	3

⑦427−373

	4	2	7
−	3	7	3

⑧228−157

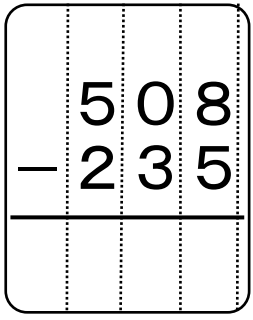
	2	2	8
−	1	5	7

T20_S08

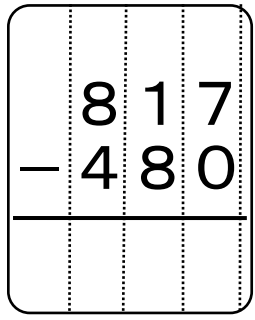
Exercise Solve.

Cross out the number when it changes.

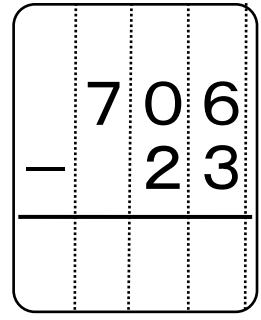
⑨508−235



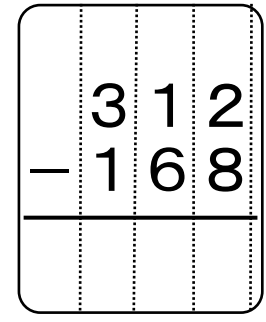
⑩817−480



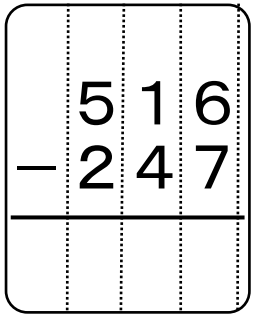
⑪706−23



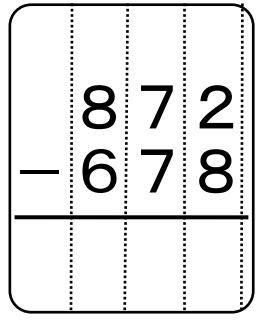
⑫312−168



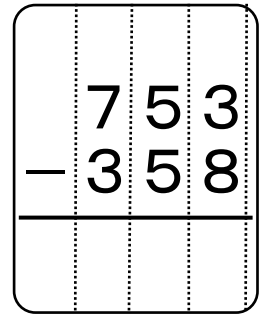
⑬516−247



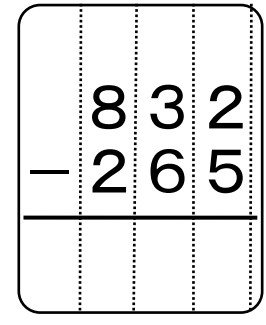
⑭872−678



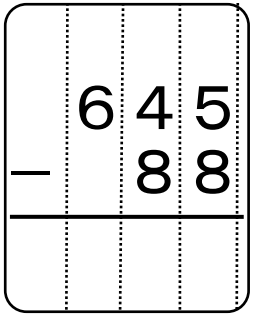
⑮753−358



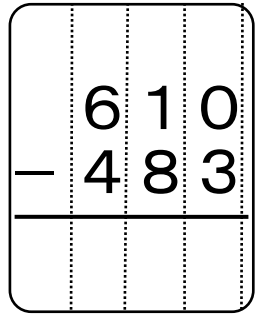
⑯832−265



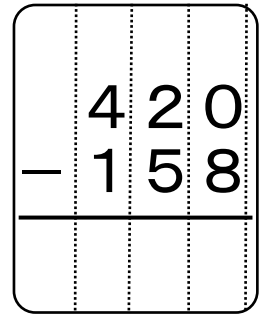
⑰645−88



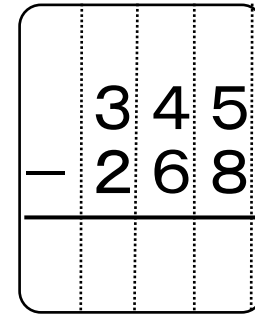
⑱610−483



⑲420−158



⑳345−268

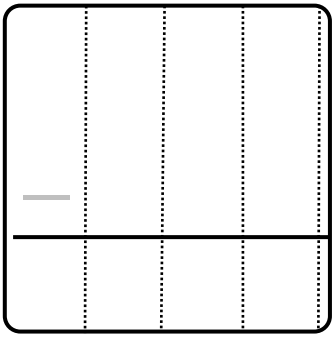


"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

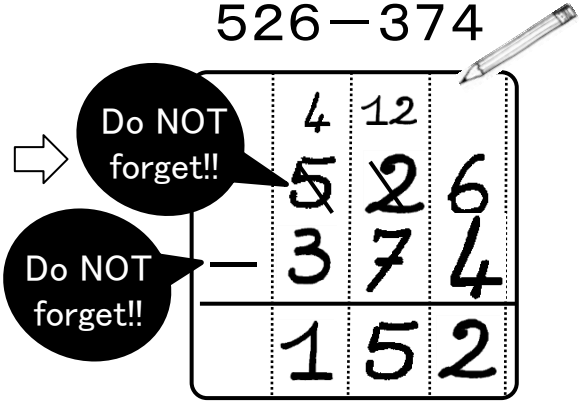
Example Solve. Make sure to write "—".
Cross out the number when it changes.

Good!

526−374



526−374



Exercise Solve. Make sure to write "—".
Cross out the number when it changes.

① 674−293

h	t	o

②925−652

h	t	o

③ 648−462

h	t	o

④ 836−575

h	t	o

⑤718−542

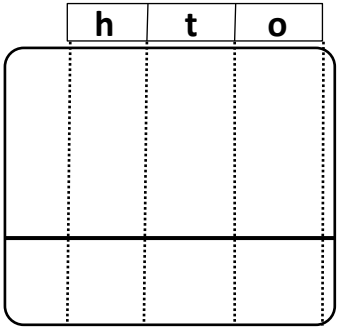
h	t	o

⑥ 689−397

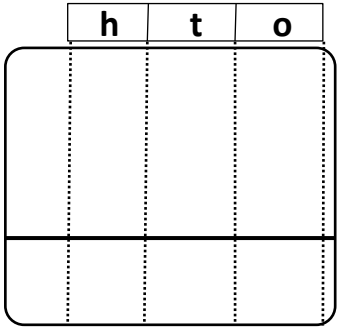
h	t	o

Exercise Solve. Make sure to write "—".
Cross out the number when it changes.

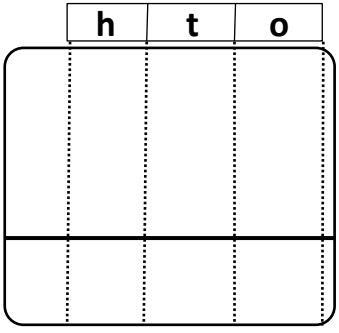
⑦ 821−440



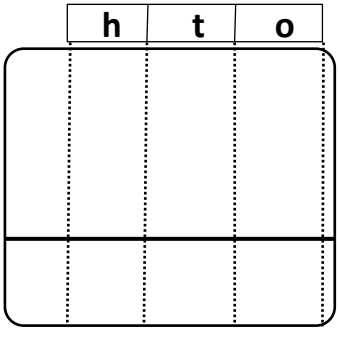
⑧ 507−363



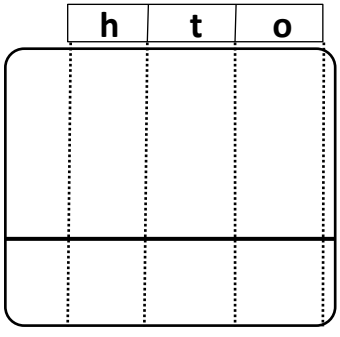
⑨ 602−70



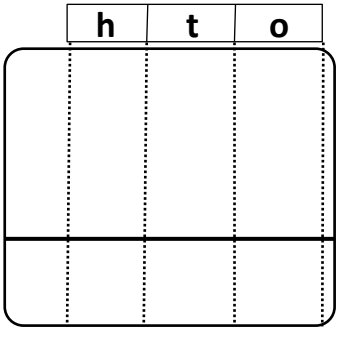
⑩ 409−26



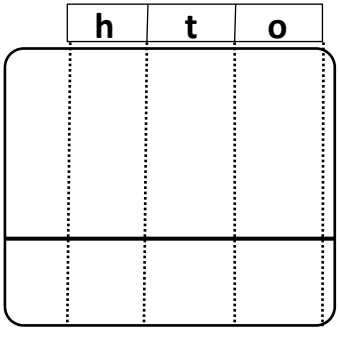
⑪ 571−392



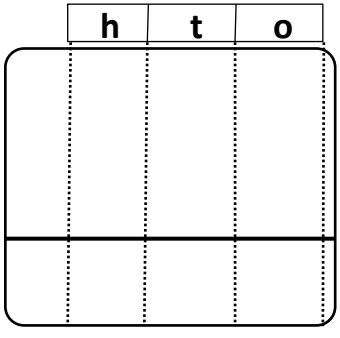
⑫ 953−584



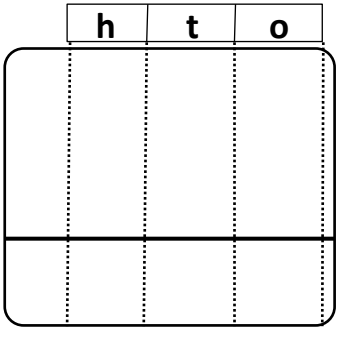
⑬ 831−294



⑭ 840−372



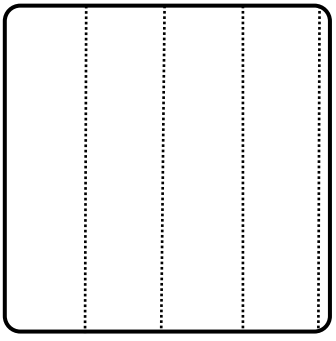
⑮ 540−274



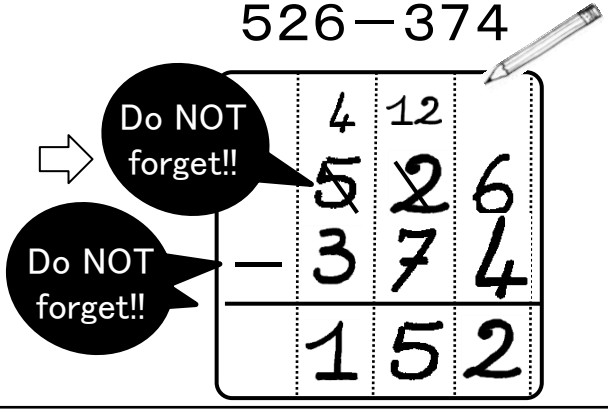
“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Make sure to write “−” and the horizontal line.
Cross out the number when it changes.

526−374



526−374



Exercise Solve. Make sure to write “−” and the horizontal line.
Cross out the number when it changes.

① 827−465

h	t	o

②572−391

h	t	o

③ 957−584

h	t	o

④ 657−362

h	t	o

⑤388−195

h	t	o

⑥ 563−282

h	t	o

Exercise Solve. Make sure to write "—" and the horizontal line.
Cross out the number when it changes.

⑦ 512−260

h	t	o

⑧ 703−361

h	t	o

⑨ 525−82

h	t	o

⑩ 407−75

h	t	o

⑪ 453−179

h	t	o

⑫ 862−485

h	t	o

⑬ 762−578

h	t	o

⑭ 720−271

h	t	o

⑮ 530−264

h	t	o

“o” means ● , “t” means × , “h” means ○, ‘’th’’ means □.

Solve.

1000−368

th	h	t	o
	1	0	0
−	3	6	8

1000−368

th	h	t	o
	10		
~~1~~	0	0	0
−	3	6	8

We can’t subtract 8 from 0, so want to borrow 10 from the ‘’t’’, but the ‘’t’’ is 0 and also the ‘’h’’ is 0.

Then in this calculation, we borrow from the ‘’ th’’ in order. Frist, borrow from the ’th’’ to the ‘’h’’.

Since we borrow from the ‘’h’’ to the ‘’t’’, we cross out 10 at the ‘’h’’ and write 9 at the top of ‘’h’’.

Finally, as we borrow from the ‘’t’’ to the ‘’o’’, we cross out 10 and write 9. We write 10 at the top of ‘’o’’.

1000−368

th	h	t	o
	9		
	~~10~~	10	
~~1~~	0	~~0~~	0
−	3	6	8

1000−368

th	h	t	o
	9	9	
	~~10~~	~~10~~	10
~~1~~	0	~~0~~	~~0~~
−	3	6	8

“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Let’s subtract in order from the ‘‘o’’ .

At the ‘‘o’’ , we subtract 8 from 10 which borrowed in order from the ‘‘h’’.

$1000-368$

th	h	t	o
	9	9	10
1	0	0	0
−	3	6	8
			2

$10-8=2$

Let’s calculate at the ‘‘t’’, ‘‘h’’ and ‘‘th’’.

$1000-368$

The number at the ‘‘th’’ is 0.

So 1000 – 360 = 632

$9-3=6$

th	h	t	o
	9	9	10
1	0	0	0
−	3	6	8
0	6	3	2

$9-6=3$

Example Solve. Cross out the number when it changes.

1000−368

	1	0	0	0
−		3	6	8

1000−368

Do NOT forget!!

	~~1~~	~~0~~ 9	~~0~~ 9	~~0~~ 10
−		3	6	8
	0	6	3	2

Exercise Solve. Cross out the number when it changes.

Good!

① 1000−347

	1	0	0	0
−		3	4	7

② 1003−497

	1	0	0	3
−		4	9	7

③ 1200−565

	1	2	0	0
−		5	6	5

④ 1005−978

	1	0	0	5
−		9	7	8

⑤ 1000−81

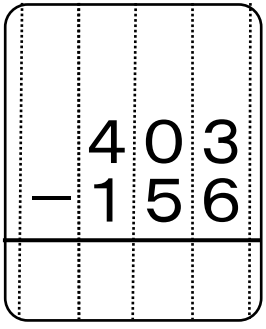
	1	0	0	0
−			8	1

⑥ 1000−44

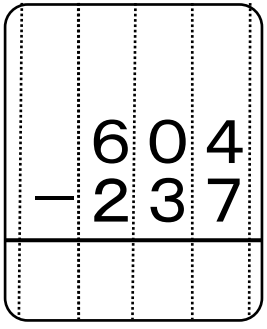
	1	0	0	0
−			4	4

Exercise Solve. Cross out the number when it changes.

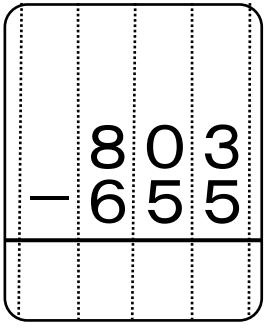
⑦403－156



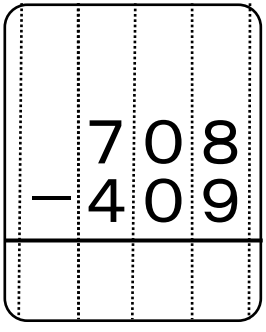
⑧604－237



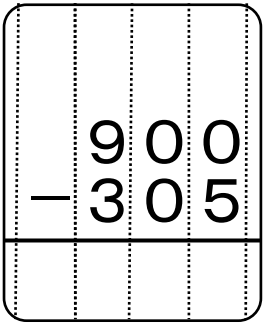
⑨803－655



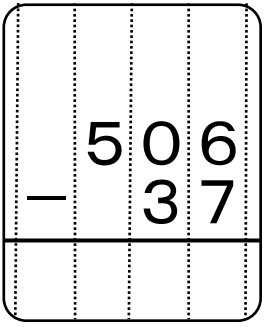
⑩708－409



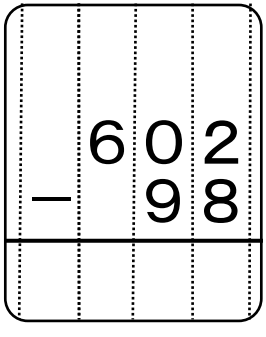
⑪900－305



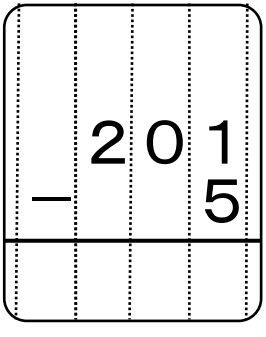
⑫506－37



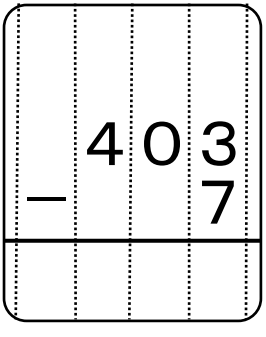
⑬602－98



⑭201－5



⑮403－7



"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Cross out the number when it changes.

1000−368

th	h	t	o

1000−368

th	h	t	o
	9	9	10
−	3	6	8
	0	6	3	2

Do NOT forget!!

Good!

Exercise Solve. Cross out the number when it changes.

① 1000−514

th	h	t	o

② 1005−287

th	h	t	o

③ 1400−666

th	h	t	o

④ 1002−925

th	h	t	o

⑤ 1000−38

th	h	t	o

⑥ 1000−29

th	h	t	o

Exercise Solve. Cross out the number when it changes.

⑦ 602−376

th	h	t	o

⑧ 302−178

th	h	t	o

⑨ 401−244

th	h	t	o

⑩ 305−108

th	h	t	o

⑪ 600−203

th	h	t	o

⑫ 308−59

th	h	t	o

⑬ 702−67

th	h	t	o

⑭ 304−7

th	h	t	o

⑮ 403−8

th	h	t	o

"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Cross out the number when it changes.

1000−368

th	h	t	o

1000−368

th	h	t	o
1	0	0	0
−	3	6	8
0	6	3	2

Do NOT forget!!

Good!

Exercise Solve. Cross out the number when it changes.

① 1000−935

th	h	t	o

② 1007−739

th	h	t	o

③ 1500−523

th	h	t	o

④ 1003−28

th	h	t	o

⑤ 1000−73

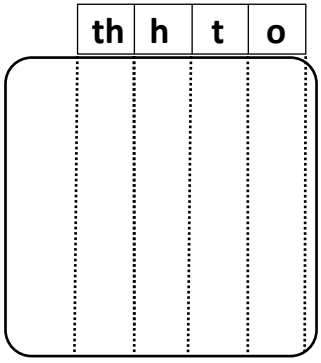
th	h	t	o

⑥ 1000−55

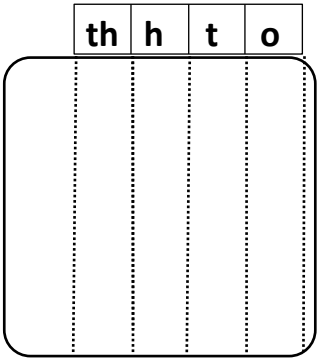
th	h	t	o

Exercise Solve. Cross out the number when it changes.

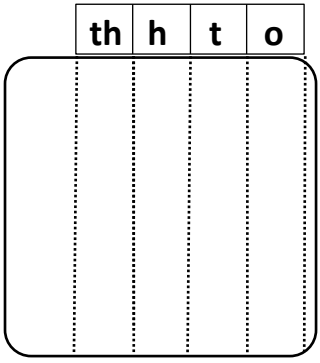
⑦ 704−597



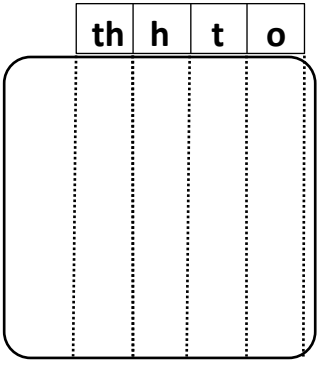
⑧ 908−729



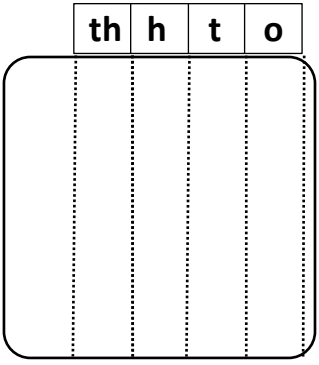
⑨ 505−327



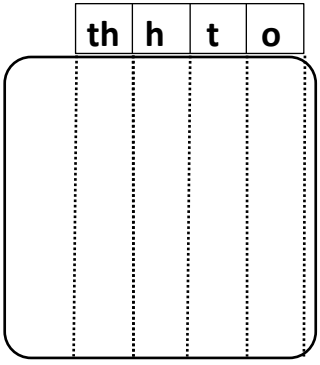
⑩ 603−305



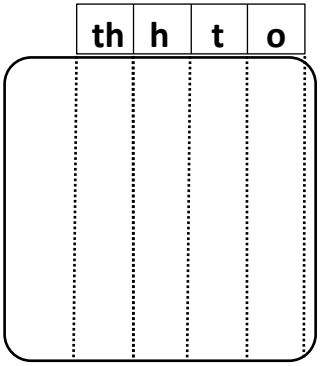
⑪ 300−109



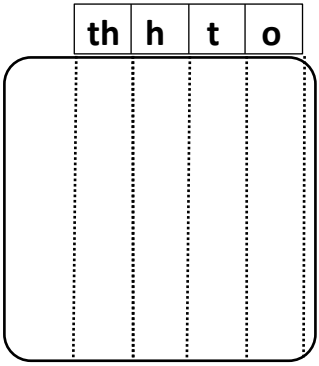
⑫ 405−48



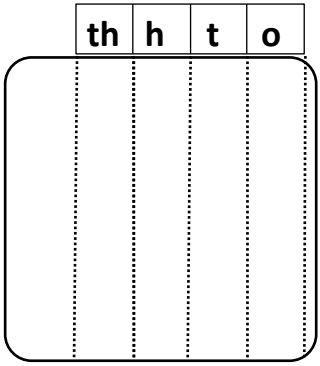
⑬ 807−58



⑭ 605−9



⑮ 702−6



"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Solve.

$1267-516$

th	h	t	o
1	2	6	7
−	5	1	6
			1

Calculate in order from the ''o''.

$7-6=1$

Let's calculate at the ''t'', ''h'' and ''th''.

$1267-516$

th	h	t	o
1	12 2	6	7
−	5	1	6
0	7	5	1

$12-5=7$

$6-1=5$

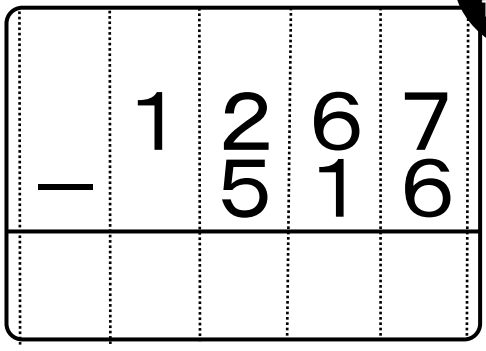
The number at the ''th'' is 0.

So 1267 – 516 = 751

Good!

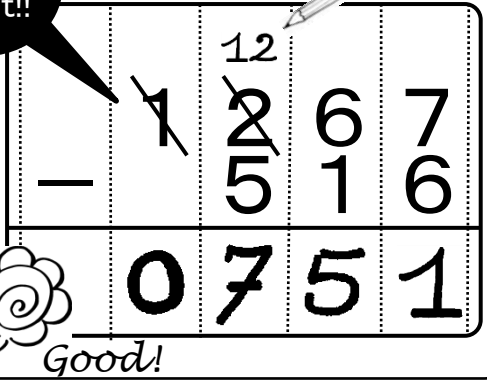
Example Solve. Cross out the number when it changes.

1267−516



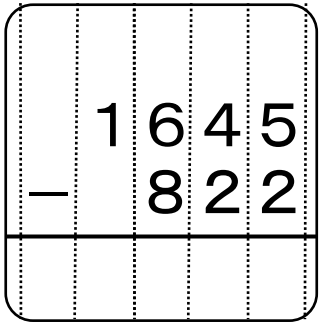
Do NOT forget!!

1267−516

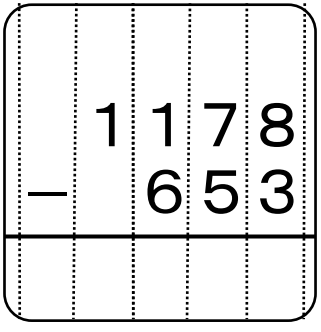


Exercise Solve. Cross out the number when it changes.

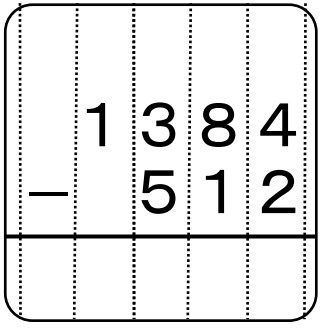
① 1645−822



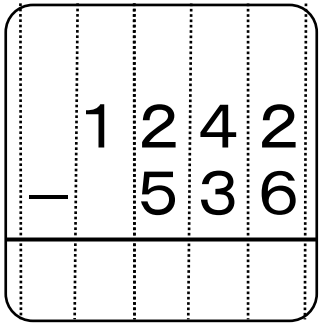
② 1178−653



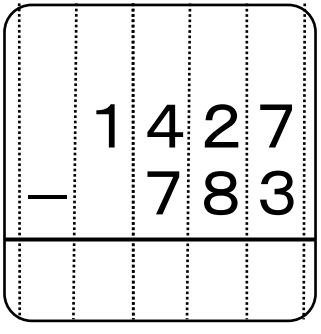
③ 1384−512



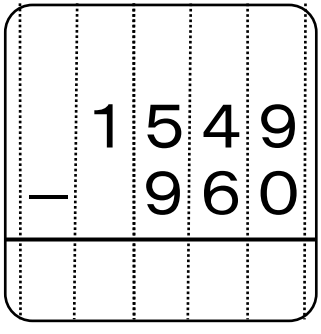
④ 1242−536



⑤ 1427−783

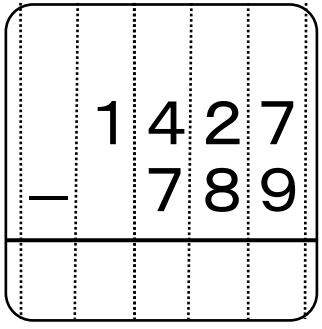


⑥ 1549−960

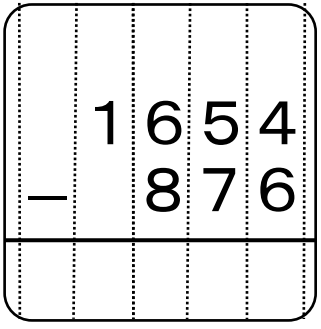


Exercise Solve. Cross out the number when it changes.

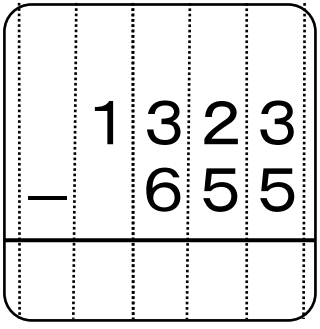
⑦1427−789



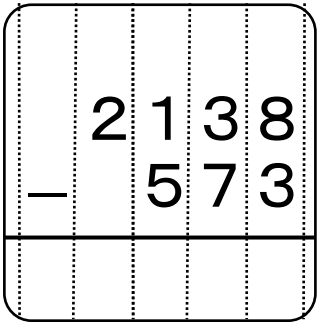
⑧1654−876



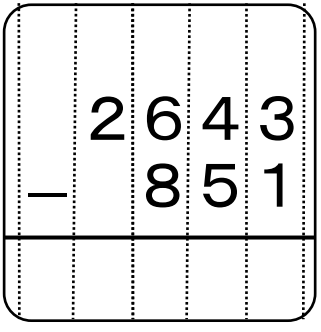
⑨1323−655



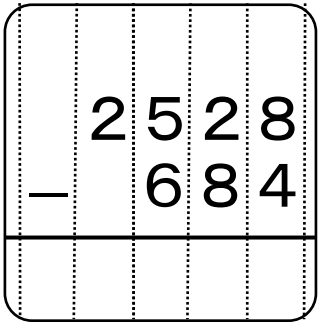
⑩2138−573



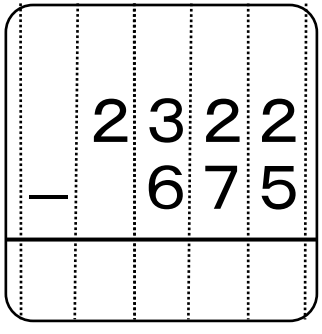
⑪2643−851



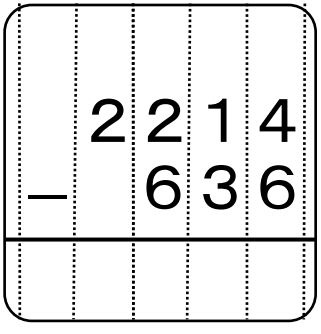
⑫2528−684



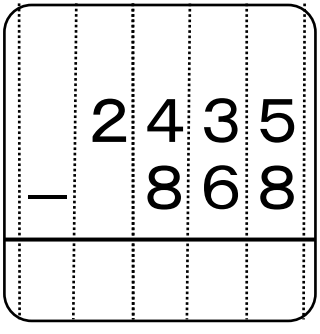
⑬2322−675



⑭2214−636



⑮2435−868



"o" means ●, "t" means ×, "h" means ○, ''th'' means □.

Example Solve. Cross out the number when it changes.

1267−516

th	h	t	o
−			

Do NOT forget!!

1267−516

th	h	t	o
	12		
−	~~1~~	~~2~~ 6	7
		5	1 6
	0	7	5 1

Good!

Exercise Solve. Cross out the number when it changes.

① 1184−721

th	h	t	o

② 1688−884

th	h	t	o

③ 1256−532

th	h	t	o

④ 1325−418

th	h	t	o

⑤ 1168−392

th	h	t	o

⑥ 1527−654

th	h	t	o

Exercise Solve. Cross out the number when it changes.

⑦ 1246－358

th	h	t	o

⑧ 1352－776

th	h	t	o

⑨ 1435－847

th	h	t	o

⑩ 2315－684

th	h	t	o

⑪ 2237－693

th	h	t	o

⑫ 2569－786

th	h	t	o

⑬ 2192－524

th	h	t	o

⑭ 2345－418

th	h	t	o

⑮ 2461－935

th	h	t	o

“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Cross out the number when it changes.

1267−516

th	h	t	o
−			

1267−516

th	h	t	o
	12		
−	~~1~~	~~2~~ 6	7
	5	1	6
	0	7	5 1

Do NOT forget!!

Good!

Exercise Solve. Cross out the number when it changes.

① 1368−652

th	h	t	o

② 1257−736

th	h	t	o

③ 1186−423

th	h	t	o

④ 1832−914

th	h	t	o

⑤ 1639−852

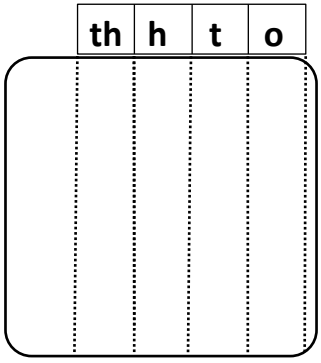
th	h	t	o

⑥ 1341−515

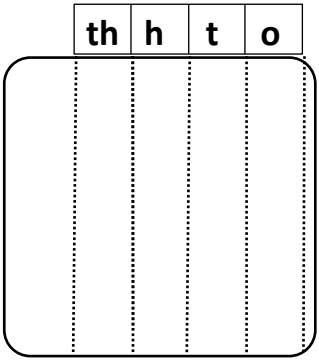
th	h	t	o

Exercise Solve. Cross out the number when it changes.

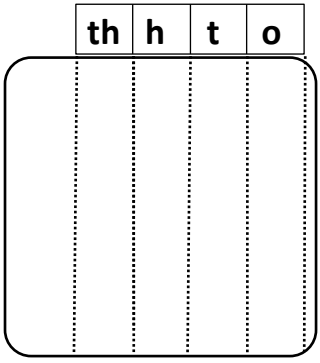
⑦ 1547－898



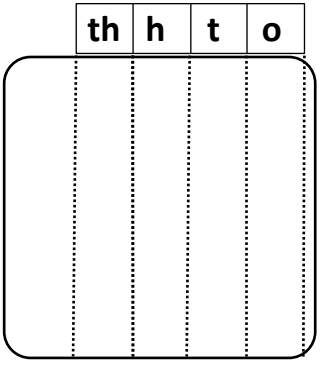
⑧ 1234－765



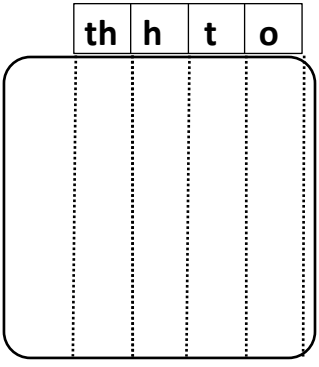
⑨ 1325－648



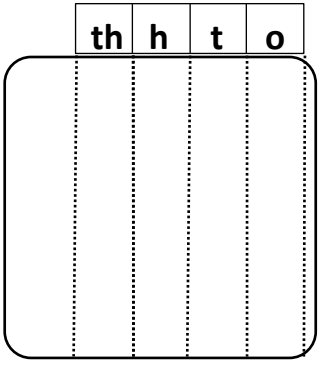
⑩ 2336－771



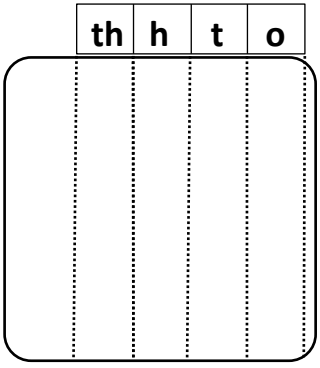
⑪ 2154－482



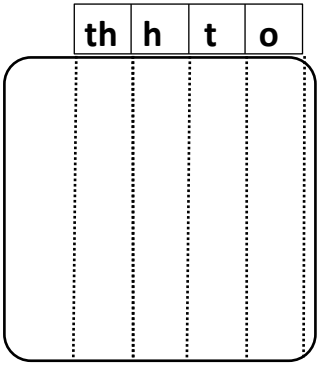
⑫ 2243－650



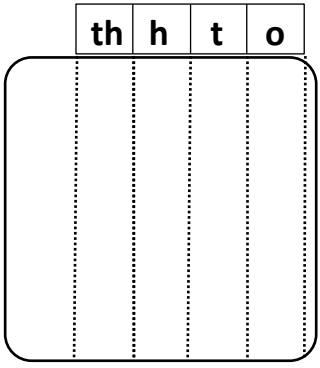
⑬ 2155－367



⑭ 2435－578



⑮ 2612－954



“o” means ● , “t” means × , “h” means ○, ‘’th’’ means □.

Solve.

3749−1375

th	h	t	o
	6	14	
3	7	4	9
− 1	3	7	5
		7	4

14−7=7

9−5=4

Calculate in order from the ‘’o’’.

We can’t subtract at the ‘’h’’, so borrow from the ‘’h’’.

Let’s calculate at the ‘’h’’ and ‘’th’’.

3749−1375

th	h	t	o
	6	14	
3	7	4	9
− 1	3	7	5
2	3	7	4

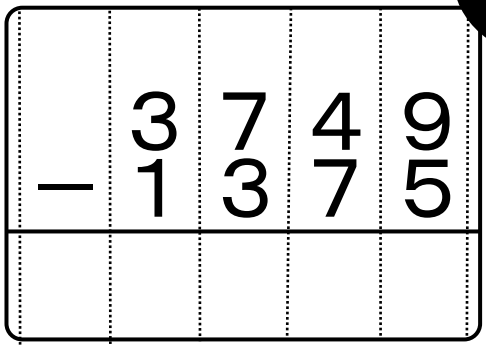
3−1=2

6−3=3

If we calculate from the lower place, we can bigger number.

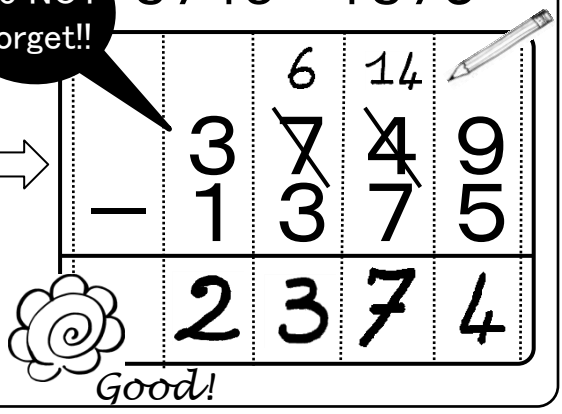
Example Solve. Cross out the number when it changes.

3749−1375



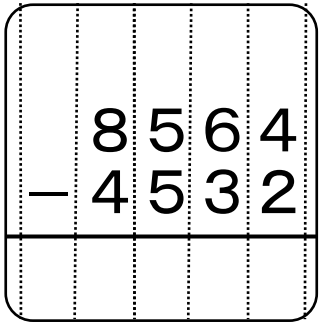
Do NOT forget!!

3749−1375

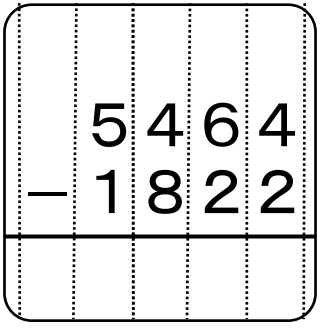


Exercise Solve. Cross out the number when it changes.

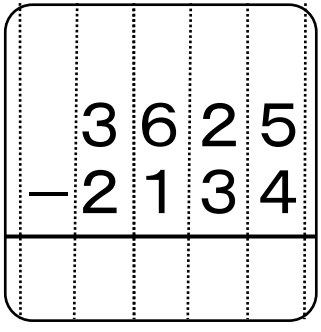
①8564−4532



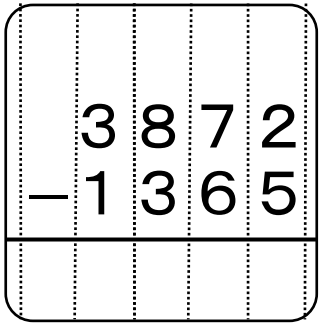
②5464−1822



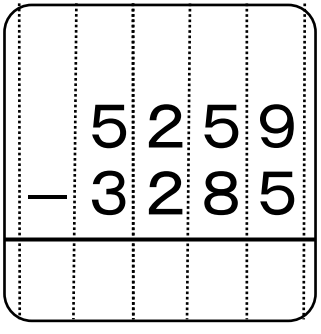
③3625−2134



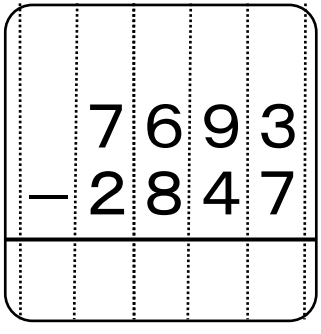
④3872−1365



⑤5259−3285

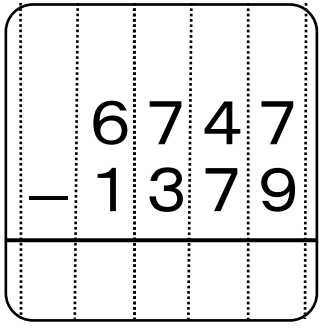


⑥7693−2847

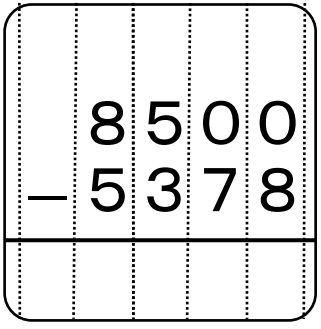


Exercise Solve. Cross out the number when it changes.

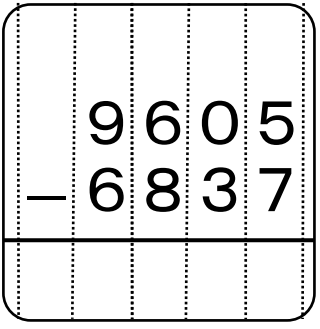
⑦6747−1379



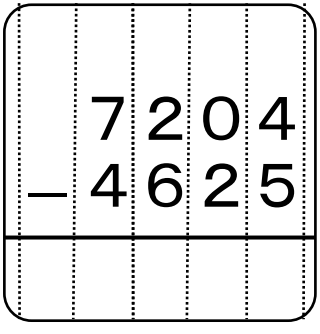
⑧8500−5378



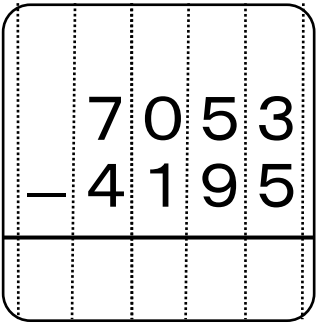
⑨9605−6837



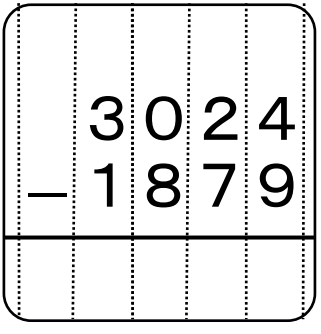
⑩7204−4625



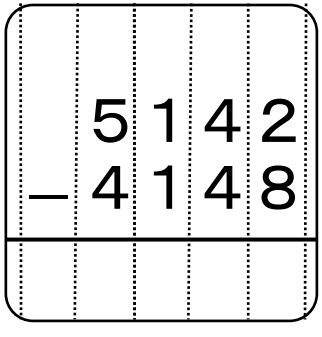
⑪7053−4195



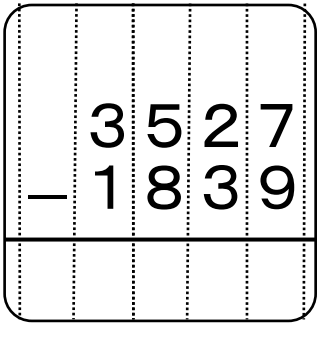
⑫3024−1879



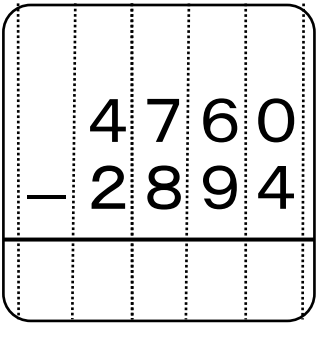
⑬5142−4148



⑭3527−1839



⑮4760−2894



“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Cross out the number when it changes.

3749−1375

th	h	t	o

3749−1375

th	h	t	o
	6	14	
3	7	4	9
− 1	3	7	5
2	3	7	4

Do NOT forget!!

Good!

Exercise Solve. Cross out the number when it changes.

① 6975−3621

th	h	t	o

② 3257−1536

th	h	t	o

③ 8537−4261

th	h	t	o

④ 4583−2457

th	h	t	o

⑤ 6748−2763

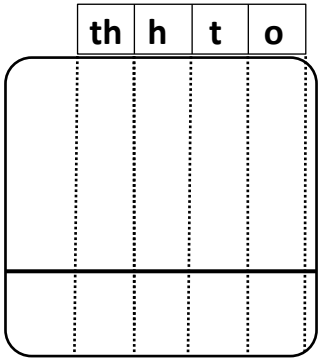
th	h	t	o

⑥ 5372−3516

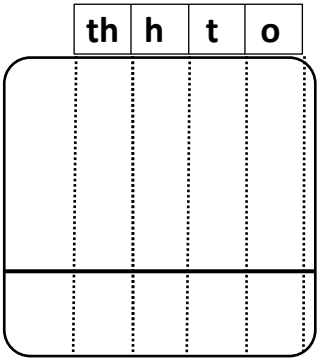
th	h	t	o

Exercise Solve. Cross out the number when it changes.

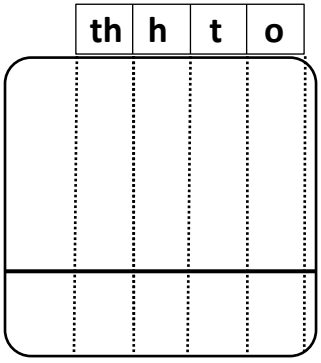
⑦ 5836－1468



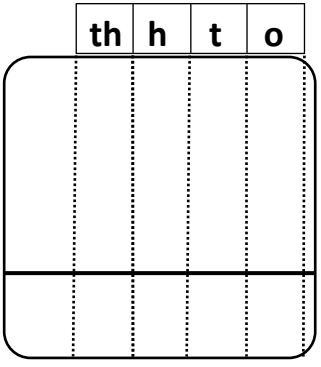
⑧ 7600－4329



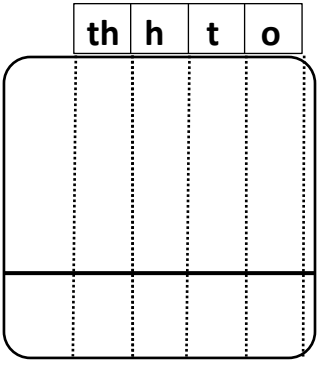
⑨ 8704－5916



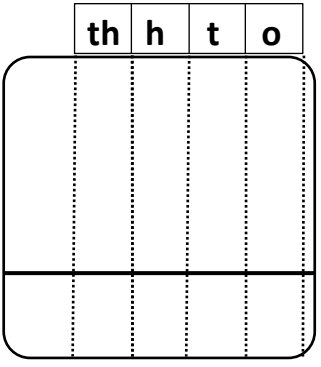
⑩ 8103－3726



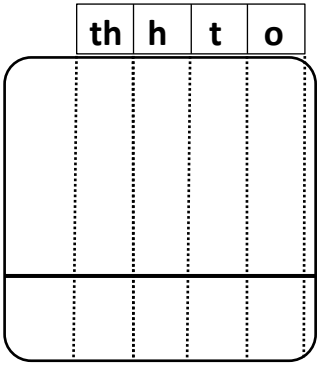
⑪ 6032－3257



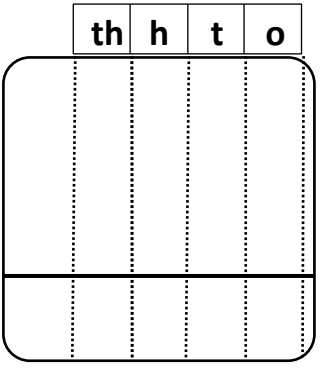
⑫ 4032－1756



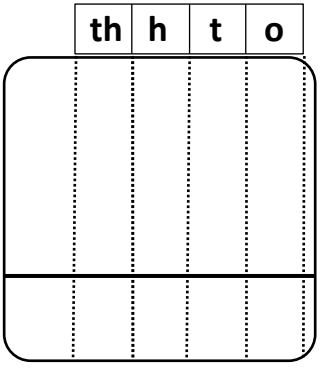
⑬ 3151－2154



⑭ 7325－4638



⑮ 5230－3377



“o” means ●, “t” means ×, “h” means ○, ‘‘th’’ means □.

Example Solve. Cross out the number when it changes.

3749−1375

th	h	t	o

3749−1375

th	h	t	o
	6	14	
3	7	4	9
− 1	3	7	5
2	3	7	4

Do NOT forget!!

Good!

Exercise Solve. Cross out the number when it changes.

① 6375−3341

th	h	t	o

② 4257−2635

th	h	t	o

③ 3718−2453

th	h	t	o

④ 5473−2635

th	h	t	o

⑤ 7348−5362

th	h	t	o

⑥ 8253−4617

th	h	t	o

Exercise Solve. Cross out the number when it changes.

⑦ 6825－1577

th	h	t	o

⑧ 6400－3157

th	h	t	o

⑨ 7503－4628

th	h	t	o

⑩ 5302－2537

th	h	t	o

⑪ 8041－5363

th	h	t	o

⑫ 4025－1567

th	h	t	o

⑬ 3284－2286

th	h	t	o

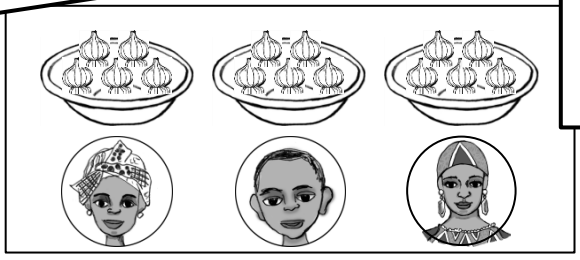
⑭ 9231－6745

th	h	t	o

⑮ 4520－2653

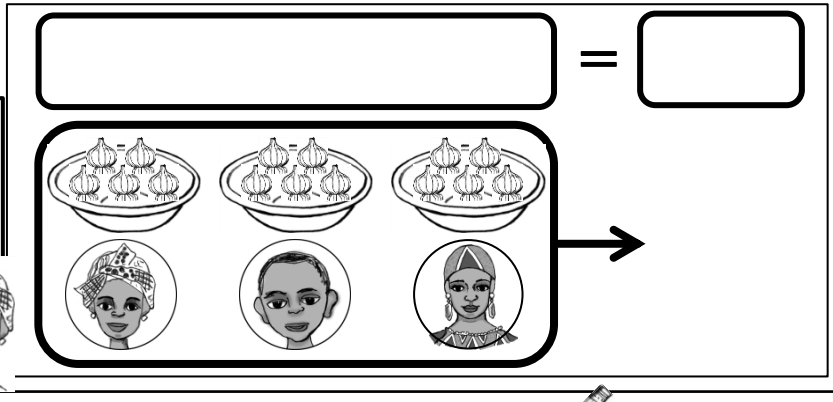
th	h	t	o

Each of the three members has a bowl with 5 onions.
How many onions are there altogether?



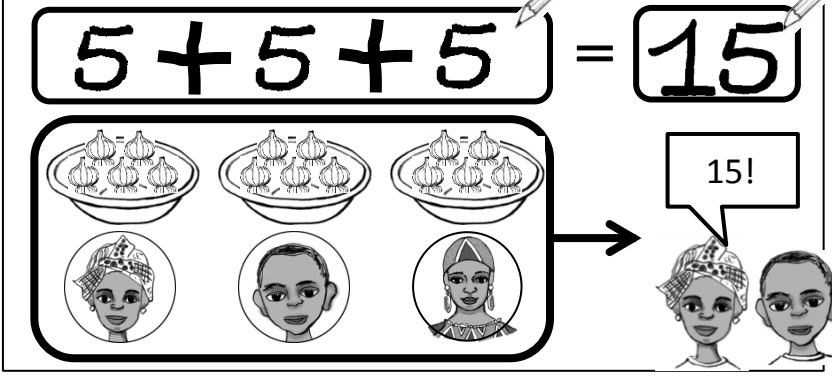
There are three bowls altogether because each one has a bowl.

Let's find out how many onions do they have altogether.



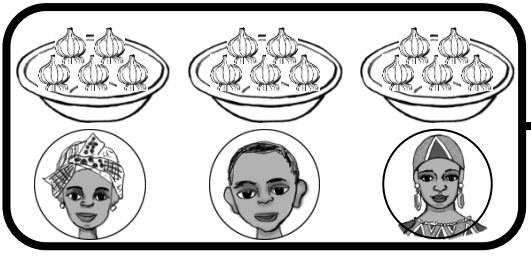
We can find out by addition.

Good!



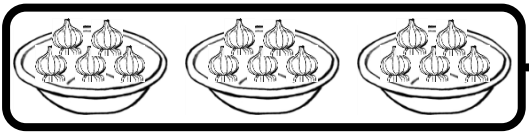
Let's write a number sentence of "multiplication" for the number of onions.

$5+5+5=15$



We use " × " and "=" for multiplication.

$5+5+5=15$



Good!

$3 \times 5 = 15$

The number of bowls.

The number of onions in a bowl.

The total number of onions.

We write a number sentence of multiplication in the following order.

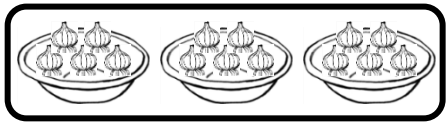
(the number of groups) × (the number of things in a group)

＝(the total number of things)

The number of onions in a group is 5 and the number of groups is 3, therefore the total number of onions is 15.

"3 × 5" means there are 5 onions in each of the three groups.

Example Fill in the ☐ to make a number sentence of multiplication.

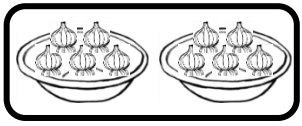


☐ × ☐ ⇨ 3 × 5

Good!

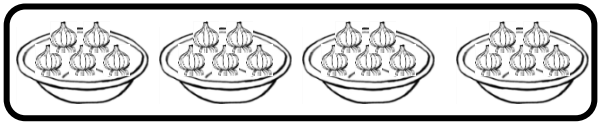
Exercise Fill in the ☐ to make a number sentence of multiplication.

①



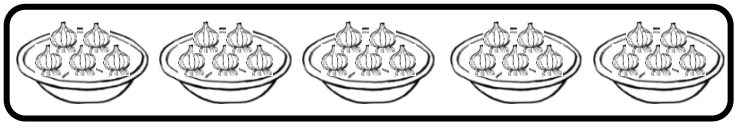
☐ × ☐

②



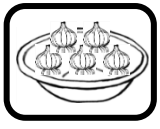
☐ × ☐

③



☐ × ☐

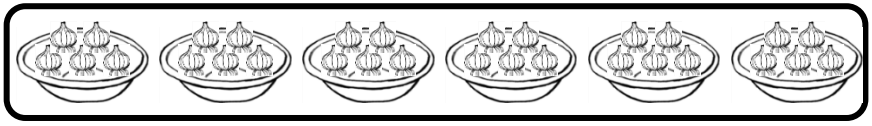
④



☐ × ☐

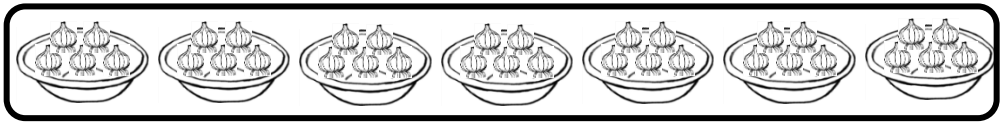
Exercise Fill in the ☐ to make a number sentence of multiplication.

⑤



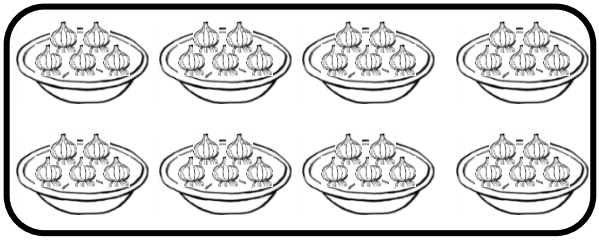
☐ × ☐

⑥



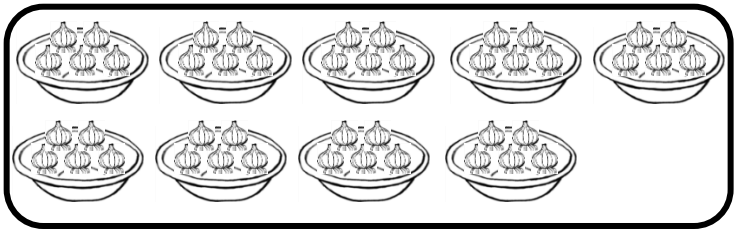
☐ × ☐

⑦



☐ × ☐

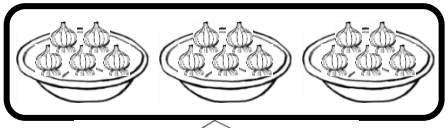
⑧



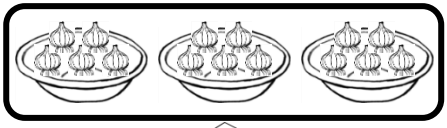
☐ × ☐

Example Fill in the ☐ to find out the total number of onions.

☐×☐=☐ 3×5=15

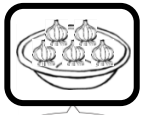


5+5+5



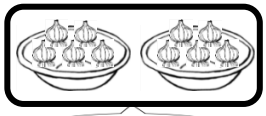
5+5+5 Good!

Exercise Fill in the ☐ to find out the total number of onions.

① 

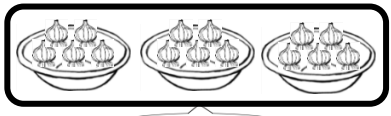
5

☐×☐=☐

② 

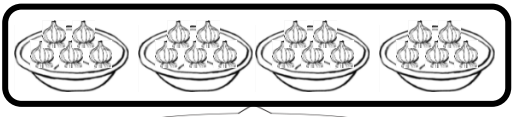
5+5

☐×☐=☐

③ 

5+5+5

☐×☐=☐

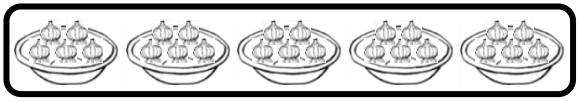
④ 

5+5+5+5

☐×☐=☐

Exercise Fill in the ☐ to find out the total number of onions.

⑤



5+5+5+5+5

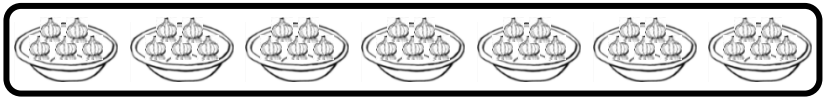
☐ × ☐ = ☐

⑥

5+5+5+5+5+5

☐ × ☐ = ☐

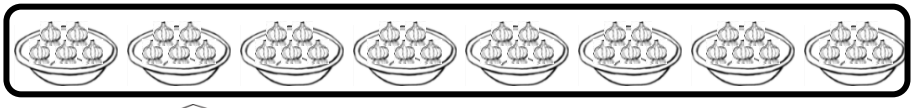
⑦



5+5+5+5+5+5+5

☐ × ☐ = ☐

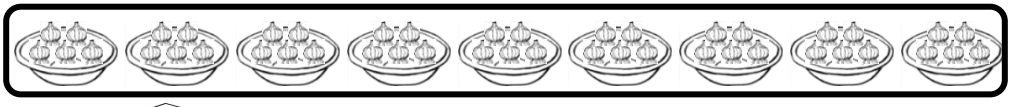
⑧



5+5+5+5+5+5+5+5

☐ × ☐ = ☐

⑨



5+5+5 +5+5 +5+5 +5+5

☐ ☐ ☐

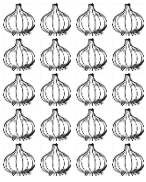
Let's look at 5 times table. "o" means ●, "t" means ×.

Let's look at 5 times table.

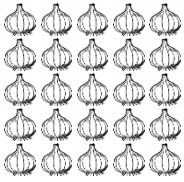
1×5= 5

2×5=10

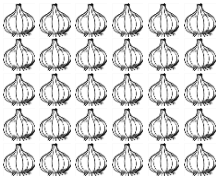
3×5=15



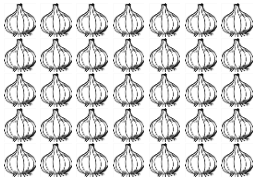
4×5=20



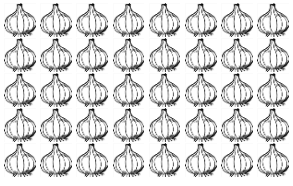
5×5=25



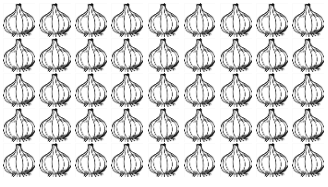
6×5=30



7×5=35



8×5=40

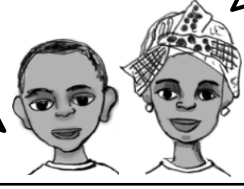


9×5=45

The "o" of the answers are 5, 0, 5, 0.

	t	o
1×5=		5
2×5=	1	0
3×5=	1	5
4×5=	2	0

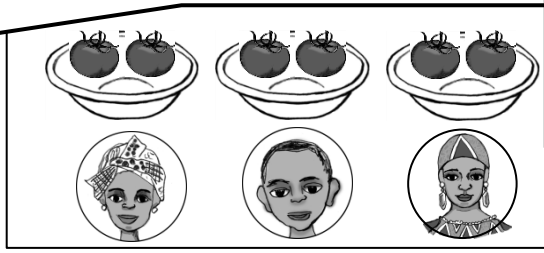
The answer increases by 5.



Let's memorize 5 times table. After writing your answer, read them to memorize.

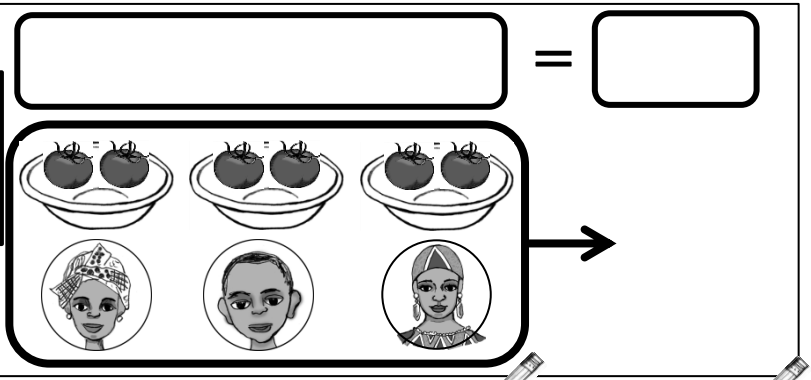
$1 \times 5 =$ ☐	*one times five is five*
$2 \times 5 =$ ☐	*two times five is ten*
$3 \times 5 =$ ☐	*three times five is fifteen*
$4 \times 5 =$ ☐	*four times five is twenty*
$5 \times 5 =$ ☐	*five times five is twenty five*
$6 \times 5 =$ ☐	*six times five is thirty*
$7 \times 5 =$ ☐	*seven times five is thirty five*
$8 \times 5 =$ ☐	*eight times five is forty*
$9 \times 5 =$ ☐	*nine times five is forty five*

Each of the three members has a bowl with 2 tomatoes.
How many tomatoes are there altogether?



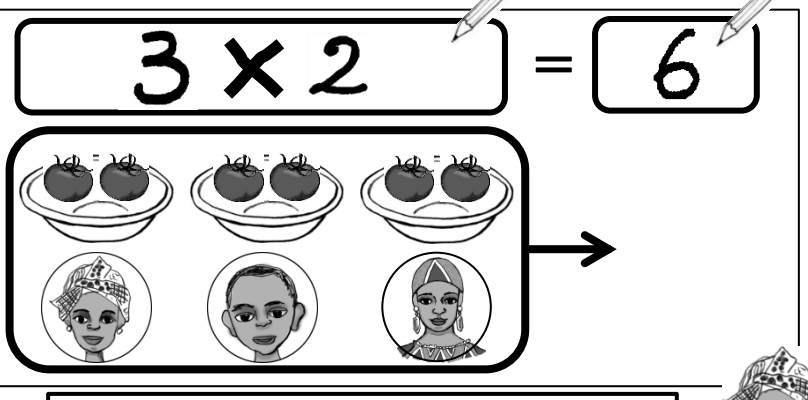
There are three bowls altogether because each one has a bowl.

Let's write a number sentence of "multiplication" for the number of tomatoes.



We can find the answer by $2 + 2 + 2$.

Good!

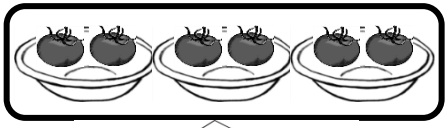


"3 × 2" means there are 2 tomatoes in each of the three groups.

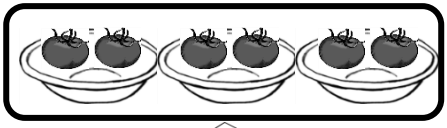
Example Fill in the ☐ to find out the total number of onions.

☐ × ☐ = ☐

3 × 2 = 6



2+2+2

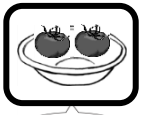


2+2+2

Good!

Exercise Fill in the ☐ to find out the total number of onions.

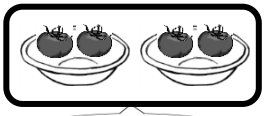
①



2

☐ × ☐ = ☐

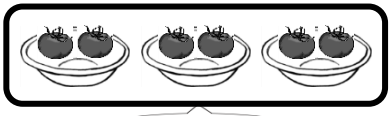
②



2+2

☐ × ☐ = ☐

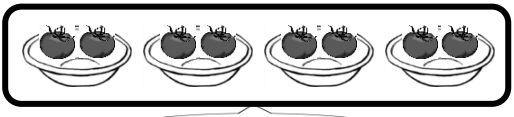
③



2+2+2

☐ × ☐ = ☐

④

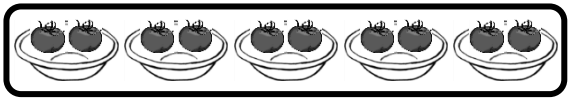


2+2+2+2

☐ × ☐ = ☐

Exercise Fill in the ☐ to find out the total number of onions.

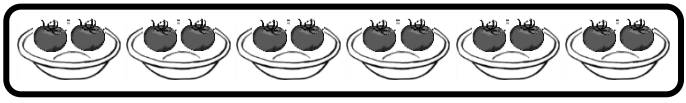
⑤



2+2+2+2+2

☐ × ☐ = ☐

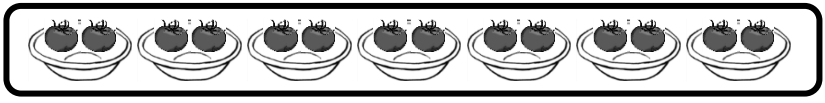
⑥



2+2+2+2+2+2

☐ × ☐ = ☐

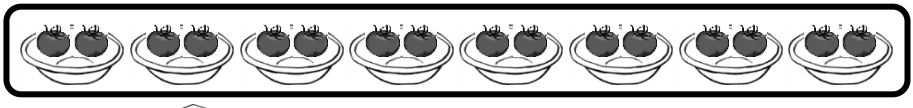
⑦



2+2+2+2+2+2+2

☐ × ☐ = ☐

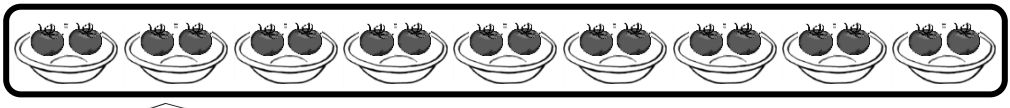
⑧



2+2+2+2+2+2+2+2

☐ × ☐ = ☐

⑨



2+2+2 +2+2 +2+2 +2+2

☐ × ☐ = ☐

Let's look at 2 times table.

1×2= 2

2×2= 4

3×2= 6

4×2= 8

5×2=10

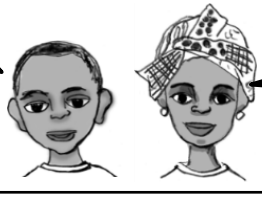
6×2=12

7×2=14

8×2=16

9×2=18

The answer increases by 2.

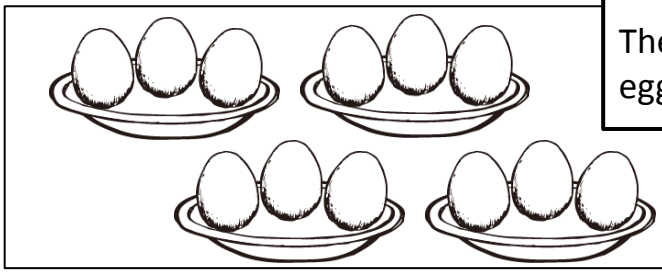


Because the multiplier is 2.

Let's memorize 2 times table. After writing your answer, read them to memorize.

1×2=	*one times two is two*
2×2=	*two times two is four*
3×2=	*three times two is six*
4×2=	*four times two is eight*
5×2=	*five times two is ten*
6×2=	*six times two is twelve*
7×2=	*seven times two is fourteen*
8×2=	*eight times two is sixteen*
9×2=	*nine times two is eighteen*

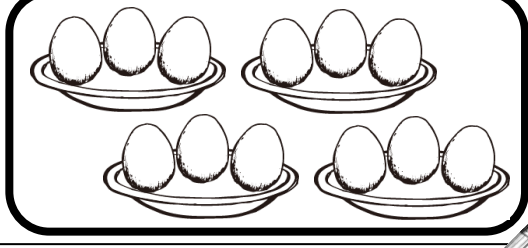
There are 4 bowls of three eggs.



There are three eggs in a group.

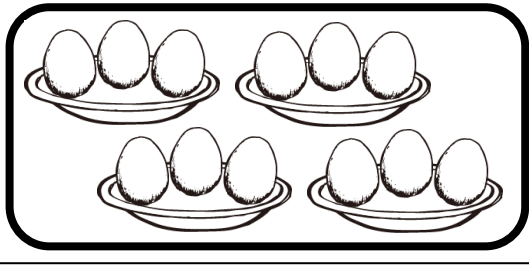
Let's write a number sentence of "multiplication" to find the number of eggs altogether.

We can find the answer by 3＋3＋3.



Good!

4 × 3 = 12



"４ × ３" means there are ３ eggs in each of the three groups.

Let's find the total number of eggs from 1 to 4 bowls which of them have three ones.

$1 \times 3 =$ ☐

$2 \times 3 =$ ☐

$3 \times 3 =$ ☐

$4 \times 3 =$ ☐

Do you notice anything by comparing the answers?

$1 \times 3 =$ 3

$2 \times 3 =$ 6

$3 \times 3 =$ 9

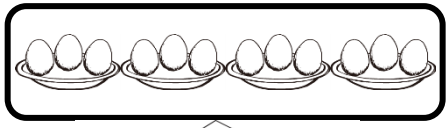
$4 \times 3 =$ 12

The total number of eggs increases by three when the number of bowls increases by one.

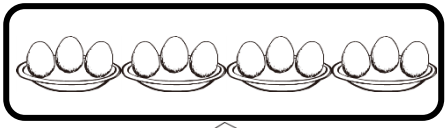
Good!

Example Fill in the ☐ to find out the total number of onions.

☐×☐=☐ 4×3=12



3+3+3+3



3+3+3+3

Good!

Exercise Fill in the ☐ to find out the total number of onions.

①

3

☐×☐=☐

②

3+3

☐×☐=☐

③

3+3+3

☐×☐=☐

④

3+3+3+3

☐×☐=☐

Exercise Fill in the ☐ to find out the total number of onions.

⑤

3+3+3+3+3

☐ × ☐ = ☐

⑥

3+3+3+3+3+3

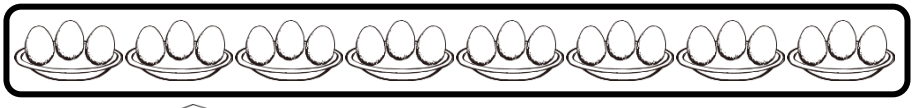
☐ × ☐ = ☐

⑦

3+3+3+3+3+3+3

☐ × ☐ = ☐

⑧



3+3+3+3+3+3+3+3

☐ × ☐ = ☐

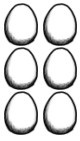
⑨

3+3+3+3+3 +3+3 +3+3

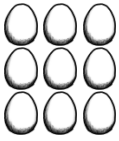
☐ × ☐ = ☐

Let's look at 3 times table.

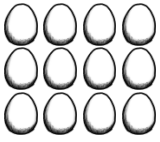
1×3= 3



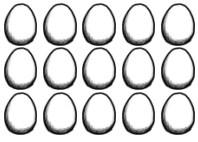
2×3= 6



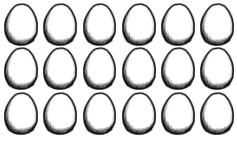
3×3= 9



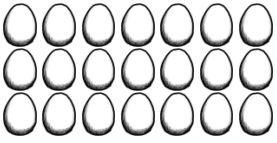
4×3=12



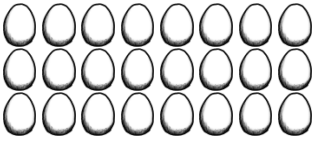
5×3=15



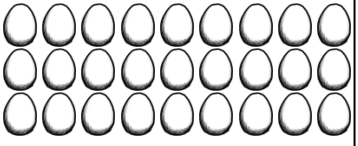
6×3=18



7×3=21



8×3=24



9×3=27

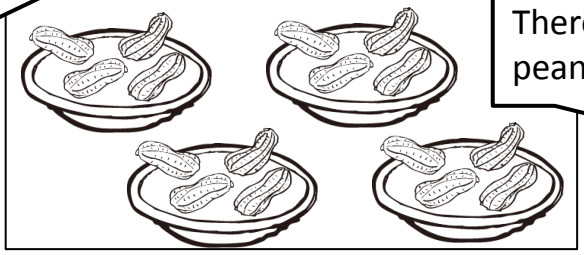
The answer increases by 2.

Because the multiplier is 3.

Let's memorize 2 times table. After writing your answer, read them to memorize.

1 × 3 = ☐	*one times two is two*
2 × 3 = ☐	*two times three is four*
3 × 3 = ☐	*three times three is six*
4 × 3 = ☐	*four times three is eight*
5 × 3 = ☐	*five times three is ten*
6 × 3 = ☐	*six times three is twelve*
7 × 3 = ☐	*seven times three is forty*
8 × 3 = ☐	*eight times three is sixteen*
9 × 3 = ☐	*nine times three is eighteen*

There are 4 bowls of 4 packets of peanuts.



There are 4 packets of peanuts in a group.

Let's write a number sentence of multiplication to find the number of peanuts altogether.

Good!

4 × 4

「4 × 4」 means there are 4 groups of 4 packets of peanuts.

Let's find the total number of packets of peanuts from 1 to 4 bowls which of them have three ones.

1 × 4 = ☐

2 × 4 = ☐

3 × 4 = ☐

4 × 4 = ☐

Do you notice anything by comparing the answers?

1 × 4 = 4

2 × 4 = 8

3 × 4 = 12

4 × 4 = 16

The total number of packets of peanuts increases by four when the number of bowls increases by one.

Good!

Example Fill in the ☐ to find out the total number of peanuts.

☐ × ☐ = ☐ 4 × 4 = 16

4+4+4+4

4+4+4+4 Good!

Exercise Fill in the ☐ to find out the total number of peanuts.

① 

4

☐ × ☐ = ☐

② 

4+4

☐ × ☐ = ☐

③ 

4+4+4

☐ × ☐ = ☐

④ 

4+4+4+4

☐ × ☐ = ☐

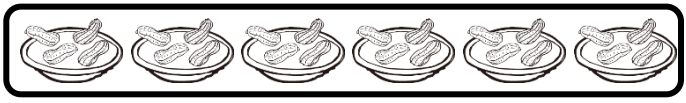
Exercise Fill in the ☐ to find out the total number of peanuts.

⑤

4+4+4+4+4

☐ × ☐ = ☐

⑥



4+4+4+4+4+4

☐ × ☐ = ☐

⑦

4+4+4+4+4+4+4

☐ × ☐ = ☐

⑧

4+4+4+4+4+4+4+4

☐ × ☐ = ☐

⑨

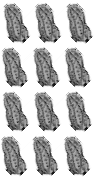
4+4+4+4+4 +4+4 +4+4

☐ × ☐ = ☐

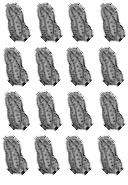
Let's look at 4 times table.

$1 \times 4 = 4$

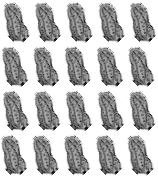
$2 \times 4 = 8$



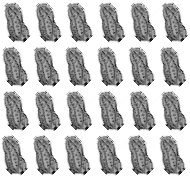
$3 \times 4 = 12$



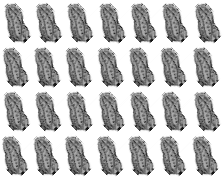
$4 \times 4 = 16$



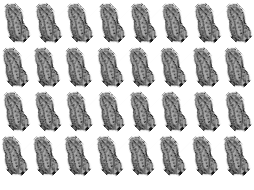
$5 \times 4 = 20$



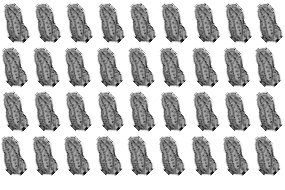
$6 \times 4 = 24$



$7 \times 4 = 28$

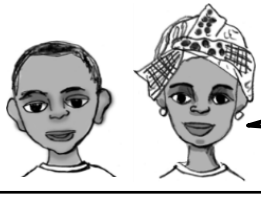


$8 \times 4 = 32$



$9 \times 4 = 36$

The answer increases by 2.



Because the multiplier is 4.

Let's memorize 2 times table. After writing your answer, read them to memorize.

1×4=	*one times four is four*
2×4=	*two times four is eight*
3×4=	*three times four is twelve*
4×4=	*four times four is sixteen*
5×4=	*five times four is twenty*
6×4=	*six times four is twenty four*
7×4=	*seven times four is twenty eight*
8×4=	*eight times four is thirty two*
9×4=	*nine times four is thirty six*

Let's look at the multiplication table of 2,3,4 and 5.

This number stands for the number at the bottom of a multiplication.

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45

This number stands for the number at the top of a multiplication.

This number stands for the answers of multiplications.

This "18" stands for the answer for 3×6.

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45

← $3 \times 6 = 18$

Let's write the multiplication table of 2,3,4 and 5.

This number stands for the number at the bottom of a multiplication.

	1	2	3	4	5	6	7	8	9
2	2	4	6						
3	3								
4	4								
5	5								

This number stands for the number at the top of a multiplication.

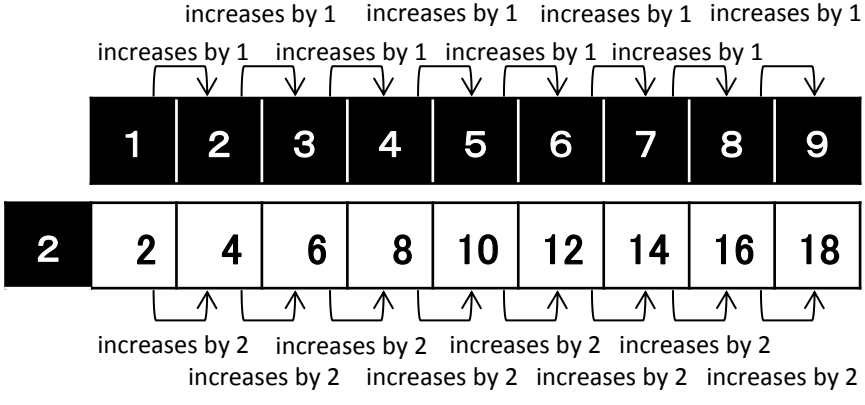
This number stands for the answers of multiplications.

We realize many things from the multiplication table.

There are two places which have “6” as the answer. $2 \times 3 = 6$ and $3 \times 2 = 6$.

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45

The answers of the “two times table” increase by 2 when the number of the bottom increases by 1.



Example Write the answer in the ☐ by checking the table of multiplication.

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45

The answers of the “three times table” increase by 3.

Good!

Exercise Write the answer in the ☐ by checking the table of multiplication.

1) The answers of the “three times table” increase by ☐.

2) The answers of the “five times table” increase by ☐.

3) There are ☐ places which have 8 as the answer.

4) There are ☐ places which have 10 as the answer.

5) There are ☐ places which have 12 as the answer.

Example Multiply.

$5 \times 3 = \square$ ⇨ $5 \times 3 = 15$

Exercise Multiply.

① $2 \times 4 = \square$ ② $3 \times 2 = \square$

③ $4 \times 3 = \square$ ④ $5 \times 1 = \square$

⑤ $2 \times 7 = \square$ ⑥ $3 \times 1 = \square$

⑦ $5 \times 2 = \square$ ⑧ $4 \times 8 = \square$

⑨ $3 \times 9 = \square$ ⑩ $2 \times 6 = \square$

⑪ $4 \times 1 = \square$ ⑫ $5 \times 4 = \square$

⑬ $4 \times 9 = \square$ ⑭ $2 \times 1 = \square$

⑮ $5 \times 8 = \square$ ⑯ $4 \times 6 = \square$

Exercise Multiply.

⑰ $2 \times 3 =$ ☐

⑱ $3 \times 4 =$ ☐

⑲ $4 \times 7 =$ ☐

⑳ $5 \times 3 =$ ☐

㉑ $4 \times 2 =$ ☐

㉒ $5 \times 9 =$ ☐

㉓ $2 \times 8 =$ ☐

㉔ $3 \times 3 =$ ☐

㉕ $5 \times 5 =$ ☐

㉖ $4 \times 5 =$ ☐

㉗ $3 \times 8 =$ ☐

㉘ $2 \times 5 =$ ☐

㉙ $4 \times 4 =$ ☐

㉚ $5 \times 7 =$ ☐

㉛ $3 \times 6 =$ ☐

㉜ $2 \times 2 =$ ☐

㉝ $5 \times 6 =$ ☐

㉞ $3 \times 7 =$ ☐

㉟ $2 \times 9 =$ ☐

㊱ $3 \times 5 =$ ☐

Example Tick in the ☐ which is larger.

3×3	3×2	⇨	3×3	3×2
☐	☐		✓	☐

Exercise Tick in the ☐ which is larger.

①	4×5	4×4	②	2×5	2×6
	☐	☐		☐	☐
③	3×4	3×5	④	2×7	2×6
	☐	☐		☐	☐

Exercise Tick in the ☐ which is smaller.

①	3×5	2×5	②	5×3	3×3
	☐	☐		☐	☐
③	3×4	2×8	④	4×7	5×6
	☐	☐		☐	☐

Find out the number of by multiplication.

	1	2	3	4
1				
2				
3				
4				
5				

	1	2	3	4
1				
2				
3				
4				
5				

□ × 5 = □

□ × 3 = □

	1	2	3	4
1				
2				
3				
4				
5				

	1	2	3	4
1				
2				
3				
4				
5				

2 × 5 = 10

4 × 3 = 12

We can find out the number of by multiply the number in the row and column.

Let's make a "six times table" by the table of  .

	1	2	3	4
1				
2				
3				
4				
5				
6				

$1 \times 6 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				

$2 \times 6 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				

$3 \times 6 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				

$4 \times 6 =$ ☐

The answer increases by 6 when the number in the bottom of the multiplication increases by one .

Let's make a "six times table" by the table of  .

$1 \times 6 =$ 6

$2 \times 6 =$ 12

$3 \times 6 =$ 18

$4 \times 6 =$ 24

$5 \times 6 =$ ☐

$6 \times 6 =$ ☐

$7 \times 6 =$ ☐

$8 \times 6 =$ ☐

$9 \times 6 =$ ☐

table of 

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									

We can find the answer for 「6 × 5」 by counting the number of  in a row.

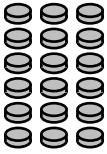
	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									

The answer of 5 × 6

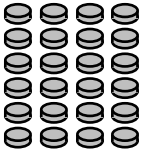
Let's look at 6 times table.

$1 \times 6 = 6$

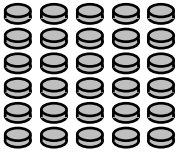
$2 \times 6 = 12$



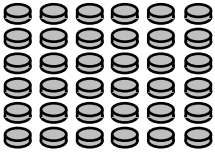
$3 \times 6 = 18$



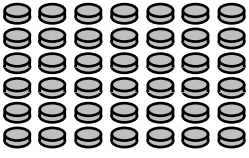
$4 \times 6 = 24$



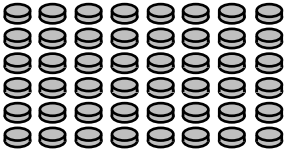
$5 \times 6 = 30$



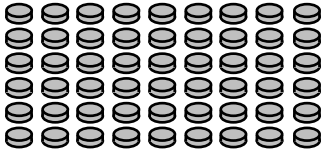
$6 \times 6 = 36$



$7 \times 6 = 42$



$8 \times 6 = 48$



$9 \times 6 = 54$

The answer increases by 6.

Because the multiplier is 6.

Let's memorize 6 times table. After writing your answer, read them to memorize.

1 × 6 = ☐	*one times six is six*
2 × 6 = ☐	*two times six is twelve*
3 × 6 = ☐	*three times six is eighteen*
4 × 6 = ☐	*four times six is twenty four*
5 × 6 = ☐	*five times six is thirty*
6 × 6 = ☐	*six times six is thirty six*
7 × 6 = ☐	*seven times six is forty two*
8 × 6 = ☐	*eight times six is forty eight*
9 × 6 = ☐	*nine times six is fifty four*

Let's make a "seven times table" by the table of  .

	1	2	3	4
1				
2				
3				
4				
5				
6				
7				

$1 \times 7 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				
7				

$2 \times 7 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				
7				

$3 \times 7 =$ ☐

	1	2	3	4
1				
2				
3				
4				
5				
6				
7				

$4 \times 7 =$ ☐

The answer increases by 7 when the number in the bottom of the multiplication increases by one .

Let's make a "six times table" by the table of  .

$1 \times 7 =$ 7

$2 \times 7 =$ 14

$3 \times 7 =$ 21

$4 \times 7 =$ 28

$5 \times 7 =$ ☐

$6 \times 7 =$ ☐

$7 \times 7 =$ ☐

$8 \times 7 =$ ☐

$9 \times 7 =$ ☐

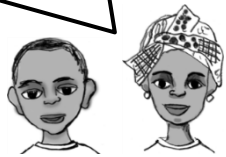
table of 

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									

We can find the answer for 「5 × 7」 by counting the number of  in a row.

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									

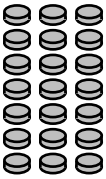
The answer of 5 × 7



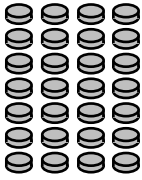
Let's look at 7 times table.

$1 \times 7 = 7$

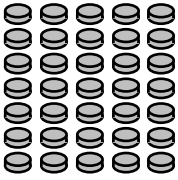
$2 \times 7 = 14$



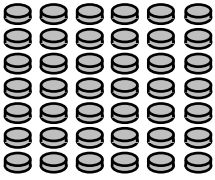
$3 \times 7 = 21$



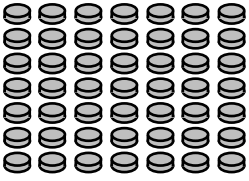
$4 \times 7 = 28$



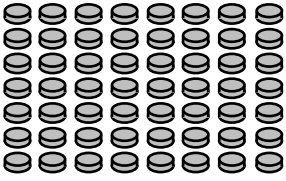
$5 \times 7 = 35$



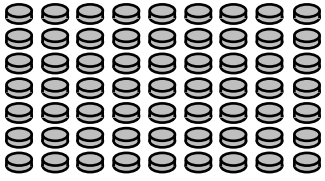
$6 \times 7 = 42$



$7 \times 7 = 49$



$8 \times 7 = 56$



$9 \times 7 = 63$

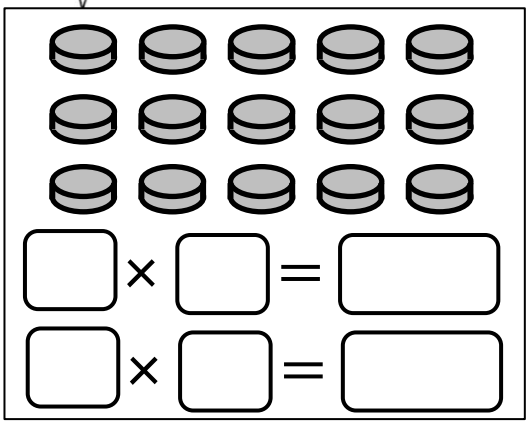
The answer increases by 7.

Because the multiplier is 7.

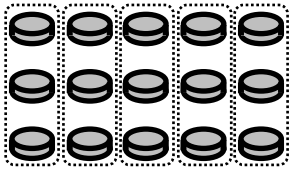
Let's memorize 7 times table. After writing your answer, read them to memorize.

1 × 7 = ☐	one times seven is seven
2 × 7 = ☐	two times seven is fourteen
3 × 7 = ☐	three times seven is twenty one
4 × 7 = ☐	four times seven is twenty eight
5 × 7 = ☐	five times seven is thirty five
6 × 7 = ☐	six times seven is forty two
7 × 7 = ☐	seven times seven is forty nine
8 × 7 = ☐	eight times seven is fifty six
9 × 7 = ☐	nine times seven is sixty three

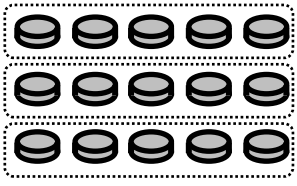
Let's find the number of by multiplication.

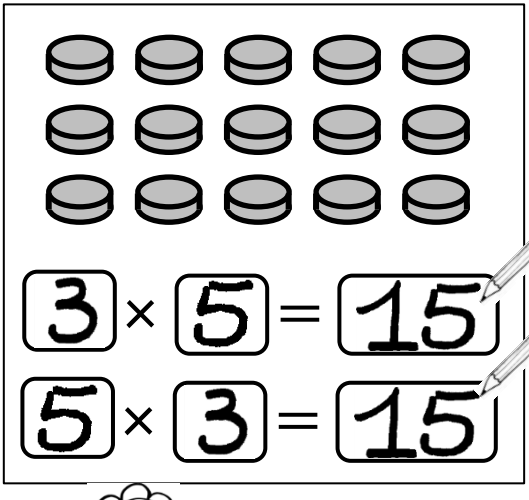


There are 5 groups of 3 .
So, it is **5 × 3**.



If you divide them into 3 groups of 5 , it is **3 × 5**.





The answer of **3 × 5** and **5 × 3** are both 15.

As you see, the answers of **3 × 5** and **5 × 3** are the same which means that you will get the same answer even if you change the order of multiplication.

Good!

Let's find out the number of  .

	1	2
1		
2		
3		
4		
5		
6		
7		
8		

The number sentence is 2×8.

8×2

We get the same answer even if we change the order of multiplication. Let's find the answer of 2×8 using this rule.

What is the number sentence we get if we change the order of 2×8.

$8 \times 2 = \square \times \square$

$8 \times 2 = 2 \times 8$

Good!

8×2 is in the "two times table", so we know the answer.

Let's find the answer of multiplication.

	1	2
1		
2		
3		
4		
5		
6		
7		
8		

$8 \times 2 = 2 \times 8$

$2 \times 8 =$ ☐

$8 \times 2 =$ ☐

2×8 is in the "two times table".
8×2 and 2×8 have the same answer.

We can find the "eight times table" using the rule of multiplication.

$2 \times 8 = 16$

$8 \times 2 = 16$

Let's make the "eight times table" using the rule of multiplication.

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									

We get the same answer even if we change the order of multiplication. So, if you want to find the answer for 2×8, you should multiply 8×2.

$1 \times 8 =$ 8

$2 \times 8 =$ 8 × 2 = 16

$3 \times 8 =$ ☐ × ☐ = ☐

$4 \times 8 =$ ☐ × ☐ = ☐

$5 \times 8 =$ ☐ × ☐ = ☐

$6 \times 8 =$ ☐ × ☐ = ☐

$7 \times 8 =$ ☐ × ☐ = ☐

1×8 means a group of 8, so it is 8.

Let' find the answer of 8×8 & 8×9 by the table of 

$1 \times 8 =$ 8

$2 \times 8 =$ 16

$3 \times 8 =$ 24

$4 \times 8 =$ 32

$5 \times 8 =$ 40

$6 \times 8 =$ 48

$7 \times 8 =$ 56

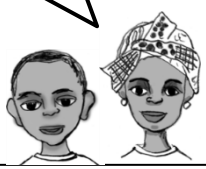
$8 \times 8 =$ ____

$9 \times 8 =$ ____

table of 

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									

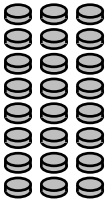
The increment, "8", is the same as the multiplicand (the number at the bottom).



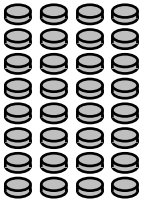
Let's look at 8 times table.

$1 \times 8 = 8$

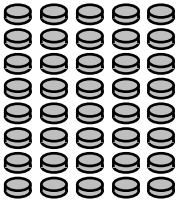
$2 \times 8 = 16$



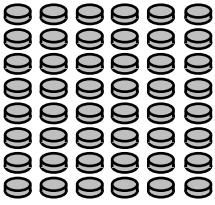
$3 \times 8 = 24$



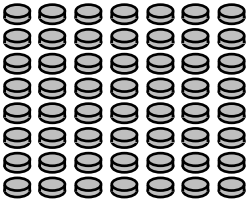
$4 \times 8 = 32$



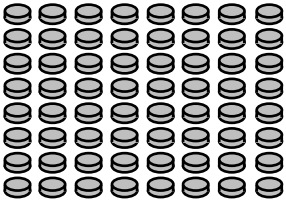
$5 \times 8 = 40$



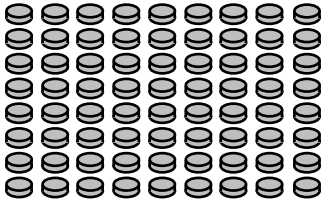
$6 \times 8 = 48$



$7 \times 8 = 56$



$8 \times 8 = 64$



$9 \times 8 = 72$

The answer increases by 8.

The increment, "8", is the same as the multiplicand (the number at the bottom).

Let's memorize 8 times table. After writing your answer, read them to memorize.

1 × 8 = ☐	*one times eight is eight*
2 × 8 = ☐	*two times eight is sixteen*
3 × 8 = ☐	*three times eight is twenty four*
4 × 8 = ☐	*four times eight is thirty two*
5 × 8 = ☐	*five times eight is forty*
6 × 8 = ☐	*six times eight is forty eight*
7 × 8 = ☐	*seven times eight is fifty six*
8 × 8 = ☐	*eight times eight is sixty four*
9 × 8 = ☐	*nine times eight is seventy two*

Let's find the number of  by multiplication.

	1	2
1		
2		
3		
4		
5		
6		
7		
8		
9		

The number sentence is 2×9.

$$2 \times 9$$

We get the same answer even if we change the order of multiplication. Let's find the answer of 2×9 using this rule.

What is the number sentence we get if we change the order of 2×9.

$$2 \times 9 = \square \times \square$$

$$2 \times 9 = 9 \times 2$$

Good!

9×2 is in the "two times table", so we know the answer.

Let's find the answer of multiplication.

	1	2
1		
2		
3		
4		
5		
6		
7		
8		
9		

$2 \times 9 = 9 \times 2$

$9 \times 2 =$ ☐

$2 \times 9 =$ ☐

2×9 is in the "two times table".
9×2 and 2×9 have the same answer.

We can find the "nine times table" using the rule of multiplication.

$9 \times 2 = 18$

$2 \times 9 = 18$

Good!

Let's make the "nine times table" using the rule of multiplication.

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

We get the same answer even if we change the order of multiplication. So, if you want to find the answer for 8×2, you should multiply 2×8.

$1 \times 9 =$ 9

$2 \times 9 =$ 9 × 2 = 18

$3 \times 9 =$ ☐ × ☐ = ☐

$4 \times 9 =$ ☐ × ☐ = ☐

$5 \times 9 =$ ☐ × ☐ = ☐

$6 \times 9 =$ ☐ × ☐ = ☐

$7 \times 9 =$ ☐ × ☐ = ☐

$8 \times 9 =$ ☐ × ☐ = ☐

1×9 means a group of 8, so it is 8.

Let' find the answer of 9 × 9 by the table of .

$1 \times 9 =$ 9

$2 \times 9 =$ 18

$3 \times 9 =$ 27

$4 \times 9 =$ 36

$5 \times 9 =$ 45

$6 \times 9 =$ 54

$7 \times 9 =$ 63

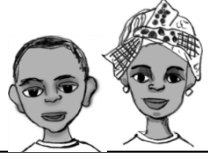
$8 \times 9 =$ 72

$9 \times 9 =$ ☐

の表

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

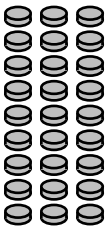
The increment, "9", is the same as the multiplicand (the number at the bottom).



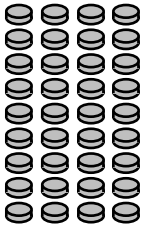
Let's look at 9 times table.

$9 \times 1 = 9$

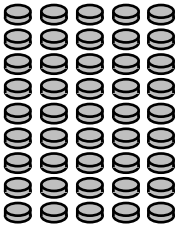
$9 \times 2 = 18$



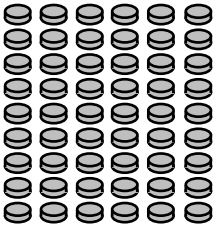
$9 \times 3 = 27$



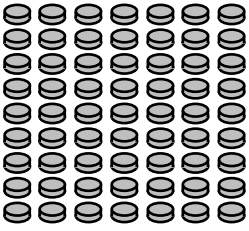
$9 \times 4 = 36$



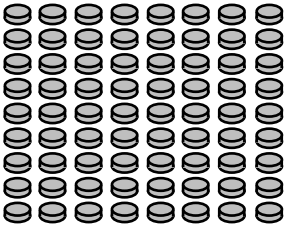
$9 \times 5 = 45$



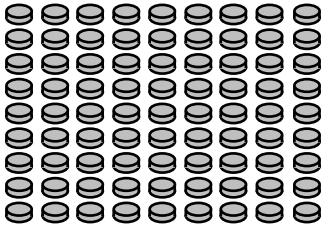
$9 \times 6 = 54$



$9 \times 7 = 63$



$9 \times 8 = 72$



$9 \times 9 = 81$

The answer increases by 8.

The increment, " 9 ", is the same as the multiplicand (the number at the bottom).

Let's memorize 9 times table. After writing your answer, read them to memorize.

1 × 9 =	*one times nine is nine*
2 × 9 =	*two times nine is eighteen*
3 × 9 =	*three times nine is twenty seven*
4 × 9 =	*four times nine is thirty six*
5 × 9 =	*five times nine is forty five*
6 × 9 =	*six times nine is fifty four*
7 × 9 =	*seven times nine is sixty three*
8 × 9 =	*eight times nine is seventy two*
9 × 9 =	*nine times eight is eighty one*

Let' find the "one times table" by the table of  .

$1 \times 1 =$ 1

$2 \times 1 =$ 2

$3 \times 1 =$

$4 \times 1 =$

$5 \times 1 =$

$6 \times 1 =$

$7 \times 1 =$

$8 \times 1 =$

$9 \times 1 =$

table of 

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

$1 \times 1 = 1$

$2 \times 1 = 2$

$3 \times 1 = 3$

$4 \times 1 = 4$

$5 \times 1 = 5$

$6 \times 1 = 6$

$7 \times 1 = 7$

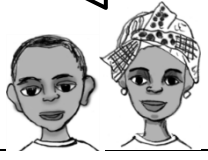
$8 \times 1 = 8$

$9 \times 1 = 9$

table of 

	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

The increment, " 1 ", is the same as the multiplicand (the number at the bottom).



Let's look at 1 times table.

$1 \times 1 = 1$

$1 \times 2 = 2$

$1 \times 3 = 3$

$1 \times 4 = 4$

$1 \times 5 = 5$

$1 \times 6 = 6$

$1 \times 7 = 7$

$1 \times 8 = 8$

$1 \times 9 = 9$

The answer increases by 1.

The increment, " 1 ", is the same as the multiplicand (the number at the bottom).

Let's memorize 8 times table. After writing your answer, read them to memorize.

1 × 1 = ☐	one times one is one
2 × 1 = ☐	two times one is two
3 × 1 = ☐	three times one is three
4 × 1 = ☐	four times one is four
5 × 1 = ☐	five times one is five
6 × 1 = ☐	six times one is six
7 × 1 = ☐	seven times one is seven
8 × 1 = ☐	eight times one is eight
9 × 1 = ☐	nine times one is nine

Let's write the multiplication table of 6,7,8,9 and 1.

	1	2	3	4	5	6	7	8	9
1									
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6									
7									
8									
9									

When the multiplier increased by one, then answer increased by the same number of the multiplicand in multiplication.

Example Write the answer in the ☐ by checking the table of multiplication.

	1	2	3	4	5	6	7	8	9
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81

The answers of the “six times table” increases by 6. Good!

Exercise Write the answer in the ☐ by checking the table of multiplication.

1) The answers of the “seven times table” increase by ☐.

2) The answers of the “nine times table” increase by ☐.

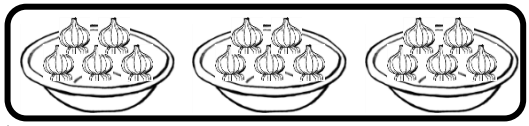
3) There are ☐ places which have 24 as the answer.

4) There are ☐ places which have 42 as the answer.

5) There are ☐ places which have 18 as the answer.

Example Find the total number of things by writing a number sentence of multiplication

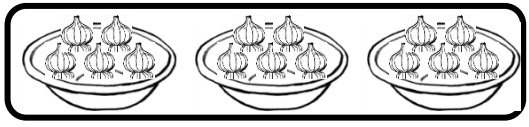
The total number of onions. =



The total number of onions.

5x3 = 15

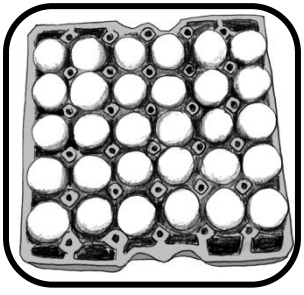
Good!



Exercise Find the total number of things by writing a number sentence of multiplication

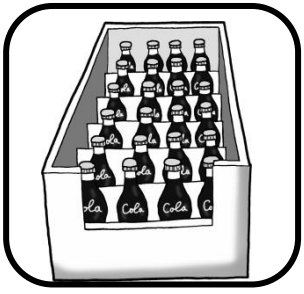
1) The total number of eggs.

=



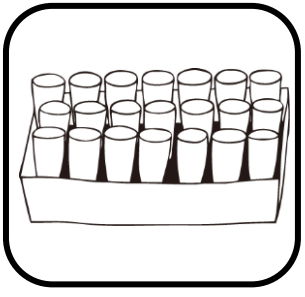
2) The total number of bottles.

=



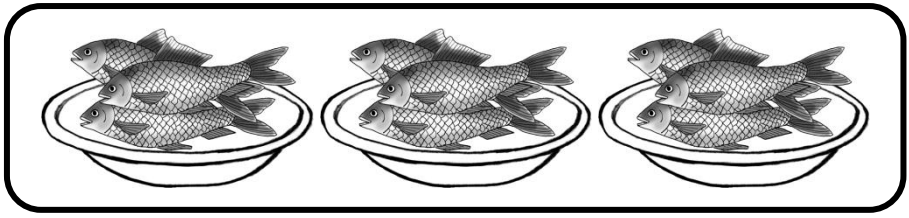
1) The total number of cups.

=

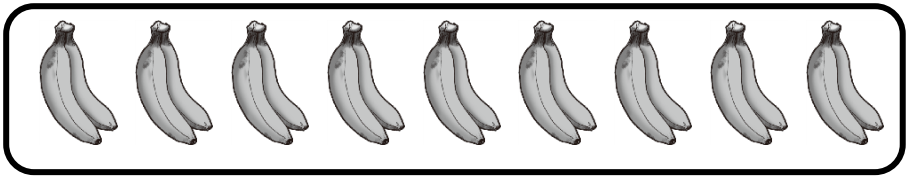


Exercise Find the total number of things by writing a number sentence of multiplication.

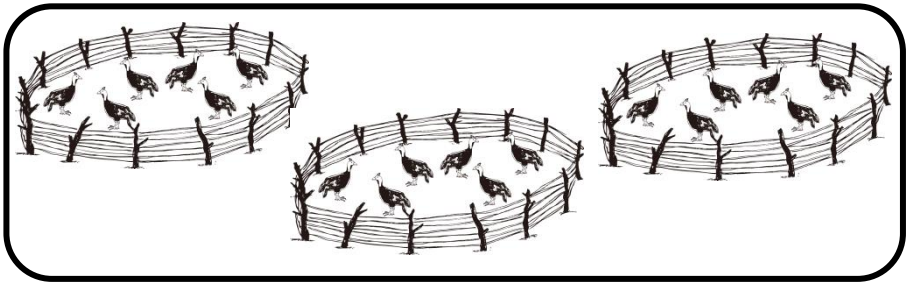
4) The total number of  fishes. ☐ = ☐



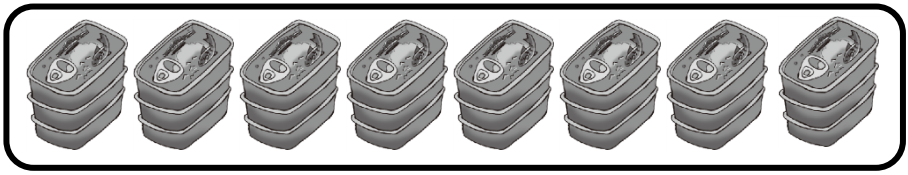
5) The total number of  bananas. ☐ = ☐



6) The total number of  birds. ☐ = ☐



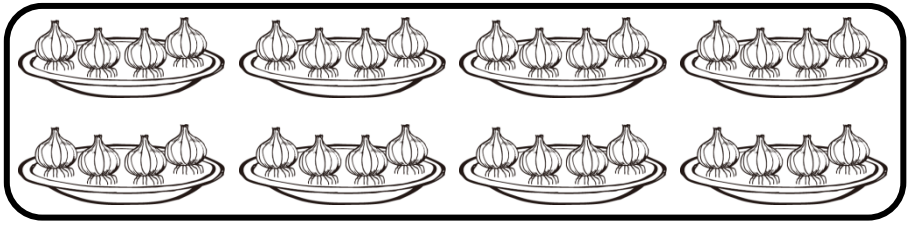
7) The total number of  tins. ☐ = ☐



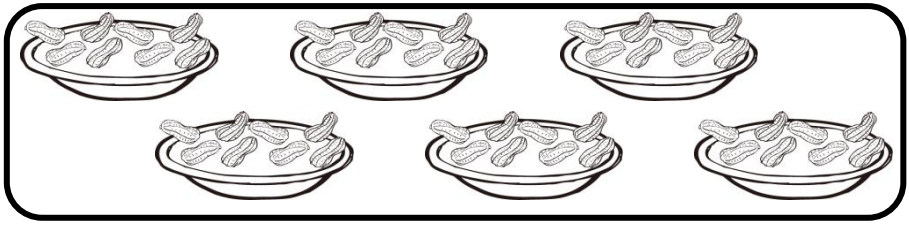
Exercise

Find the total number of things by writing a number sentence of multiplication.

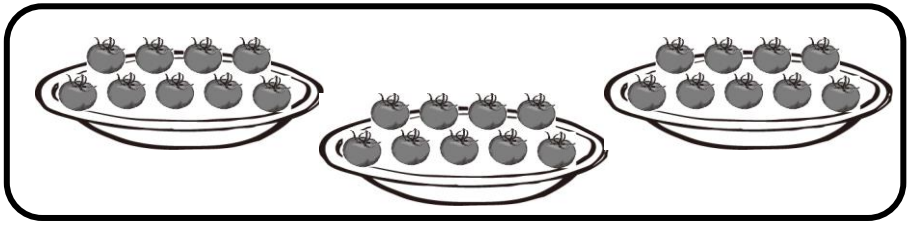
8) The total number of  onions. ☐ = ☐



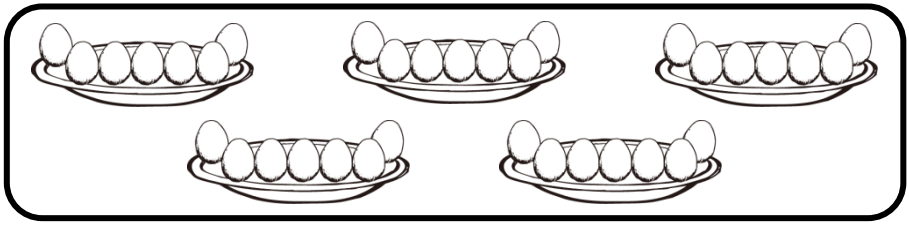
9) The total number of  peanuts. ☐ = ☐



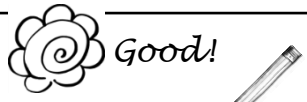
10) The total number of  tomatoes. ☐ = ☐



11) The total number of  eggs. ☐ = ☐



Example Multiply.



$6 \times 3 =$ ☐ ⇨ $6 \times 3 = 18$

Exercise Multiply.

① $6 \times 4 =$ ☐

② $7 \times 2 =$ ☐

③ $8 \times 3 =$ ☐

④ $9 \times 1 =$ ☐

⑤ $6 \times 7 =$ ☐

⑥ $7 \times 1 =$ ☐

⑦ $9 \times 2 =$ ☐

⑧ $8 \times 8 =$ ☐

⑨ $7 \times 9 =$ ☐

⑩ $6 \times 6 =$ ☐

⑪ $8 \times 1 =$ ☐

⑫ $9 \times 4 =$ ☐

⑬ $8 \times 9 =$ ☐

⑭ $6 \times 1 =$ ☐

⑮ $9 \times 8 =$ ☐

⑯ $8 \times 6 =$ ☐

Exercise Multiply.

⑰ $1 \times 3 =$ ☐　⑱ $2 \times 4 =$ ☐

⑲ $3 \times 7 =$ ☐　⑳ $4 \times 3 =$ ☐

㉑ $5 \times 2 =$ ☐　㉒ $3 \times 9 =$ ☐

㉓ $1 \times 8 =$ ☐　㉔ $4 \times 3 =$ ☐

㉕ $2 \times 5 =$ ☐　㉖ $1 \times 5 =$ ☐

㉗ $7 \times 8 =$ ☐　㉘ $6 \times 5 =$ ☐

㉙ $8 \times 4 =$ ☐　㉚ $9 \times 7 =$ ☐

㉛ $7 \times 6 =$ ☐　㉜ $6 \times 2 =$ ☐

㉝ $9 \times 6 =$ ☐　㉞ $7 \times 7 =$ ☐

㉟ $6 \times 9 =$ ☐　㊱ $7 \times 5 =$ ☐

Exercise Multiply.

㊲ $6 \times 2 =$ ☐　　㊳ $7 \times 4 =$ ☐

㊴ $1 \times 7 =$ ☐　　㊵ $3 \times 3 =$ ☐

㊶ $1 \times 2 =$ ☐　　㊷ $9 \times 9 =$ ☐

㊸ $2 \times 8 =$ ☐　　㊹ $5 \times 3 =$ ☐

㊺ $1 \times 9 =$ ☐　　㊻ $8 \times 5 =$ ☐

㊼ $8 \times 7 =$ ☐　　㊽ $6 \times 5 =$ ☐

㊾ $8 \times 2 =$ ☐　　㊿ $9 \times 5 =$ ☐

(51) $1 \times 6 =$ ☐　　(52) $6 \times 3 =$ ☐

(53) $9 \times 3 =$ ☐　　(54) $4 \times 7 =$ ☐

(55) $6 \times 8 =$ ☐　　(56) $7 \times 3 =$ ☐

Example Tick in the ☐ which is larger.

6×3	6×2	⇨	6×3	6×2
☐	☐		✓	☐

Exercise Tick in the ☐ which is larger.

①	6×5	6×4	②	7×2	7×3
	☐	☐		☐	☐
③	8×5	8×6	④	9×7	9×6
	☐	☐		☐	☐

Exercise Tick in the ☐ which is smaller.

①	6×5	4×5	②	8×3	9×3
	☐	☐		☐	☐
③	7×4	6×8	④	8×7	9×5
	☐	☐		☐	☐

Let’s read the multiplication table aloud to memorize all of them from 1 × 1 to 9 × 9.

	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81

We read 1 × 1 as one times one.
You can read it with your friends.

Let's find out the rule of multiplication.

In multiplication, the answer increases the same as the number at the bottom of the number sentence.

increase by 1

1	2	3	4	5	6	7	8	9

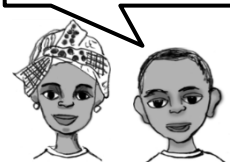
2	2	4	6	8	10	12	14	16	18

increase by 2

3	3	6	9	12	15	18	21	24	27

increase by 3

This means if the number at the bottom increases by 1, the answer increases by 2 in the two times table.



Write the answer in the ☐ by using this rule.

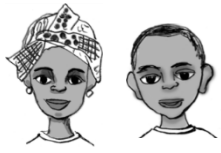
The answer of 4 × 3 is ☐ more than the answer of 3 × 3.

The answer of 2 × 6 is ☐ less than the answer of 3 × 6.

Good!

The answer of 4 × 3 is 3 more than the answer of 3 × 3.

The answer of 2 × 6 is 6 less than the answer of 3 × 6.



The multiplicand of 4 × 3 is one more than that of 3 × 3.
The answer of 4 × 3 is 3 more than the answer of 3 × 3.
The multiplicand of 2 × 6 is one more than that of 3 × 6.
The answer of 2 × 6 is 3 more than the answer of 3 × 6.

Example Write the answer in the ☐.

The answer of 4×3 is ☐ more than the answer of 3×3.

The answer of 4×3 is 3 more than the answer of 3×3.

Exercise Write the answer in the ☐.

1) The answer of 5×7 is ☐ more than the answer of 4×7.

2) The answer of 2×9 is ☐ less than the answer of 3×9.

3) The answer of 4×4 is ☐ less than the answer of 5×4.

4) The answer of 6×3 is ☐ less than the answer of 7×3.

5) The answer of 9×2 is ☐ more than the answer of 8×2.

6) The answer of 4×6 is ☐ more than the answer of 3×6.

7) The answer of 6×8 is ☐ more than the answer of 5×8.

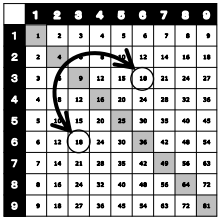
8) The answer of 5×5 is ☐ less than the answer of 6×5.

9) The answer of 3×7 is ☐ less than the answer of 4×7.

Let's find out another rule of multiplication.

In multiplication, you will get the same answer even if you change the order of multiplication.

	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81



The answers corresponding to diagonal position are the same.

1×2 and 2×1,
2×3 and 3×2,
4×7 and 7×4,
there are many pairs of answers which have the same answer.

Write the answer in the ☐ by using this rule.

The answer of 4×3 is the same as the answer of $3 \times$ ☐ .

The answer of 4×3 is the same as the answer of 3×4 .

We can get the same answer by changing the order of the multiplication.

Good!

Example Write the answer in the □.

The answer of 4 × 3 is the same as the answer of 3 × □.

⇩

The answer of 4 × 3 is the same as the answer of 3 × 4.

Good!

Exercise Write the answer in the □.

① The answer of 2 × 7 is the same as the answer of 7 × □.

② The answer of 5 × 4 is the same as the answer of 4 × □.

③ The answer of 6 × 2 is the same as the answer of □ × 6.

④ The answer of 8 × 5 is the same as the answer of □ × 8.

⑤ The answer of 7 × 3 is the same as the answer of 3 × □.

⑥ The answer of 4 × 8 is the same as the answer of 8 × □.

⑦ The answer of 3 × 5 is the same as the answer of 5 × □.

⑧ The answer of 8 × 7 is the same as the answer of □ × 3.

⑨ The answer of 9 × 4 is the same as the answer of □ × 9.

Example Write the answer in the ☐.

The multiplication which becomes 14 are ☐ and ☐.

The multiplication which becomes 14 are 2×7 and 7×2.

Exercise Write the answer in the ☐.

①The multiplication which becomes 15 are ☐ and ☐.

②The multiplication which becomes 27 are ☐ and ☐.

③The multiplication which becomes 32 are ☐ and ☐.

④The multiplication which becomes 42 are ☐ and ☐.

⑤The multiplication which becomes 54 are ☐ and ☐.

⑥The multiplication which becomes 12 are ☐ and ☐

☐ and ☐.

⑦ The multiplication which becomes 24 are ☐ and ☐.

☐ and ☐.

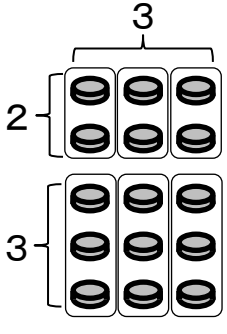
Let's compare the "two times table", "three times table" and "five times table".

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
5	5	10	15	20	25	30	35	40	45

If we look at the multiplication table in a column, the sum of the two times table and the three times table are the same as the five times table.

Let's find out using the table of  .

	1	2	3
2	2	4	6
3	3	6	9
5	5	10	15



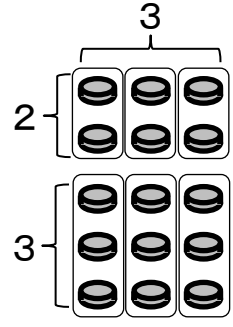
$2 \times 3 =$ ☐

$3 \times 3 =$ ☐

What is the sum of 2×3 and 3×3.

Good!

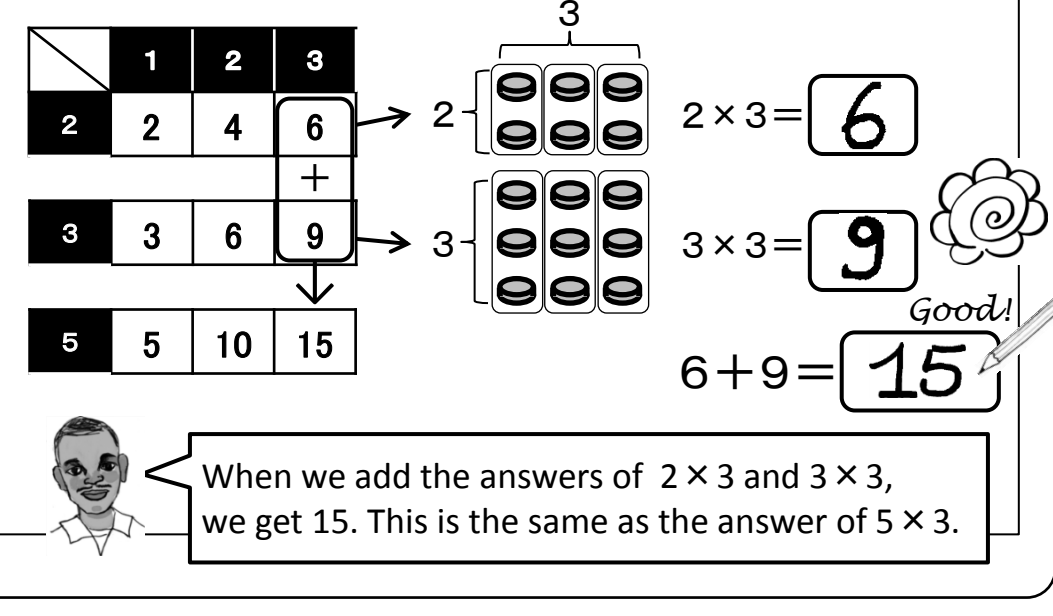
	1	2	3
2	2	4	6
3	3	6	9
5	5	10	15



$2 \times 3 =$ 6

$3 \times 3 =$ 9

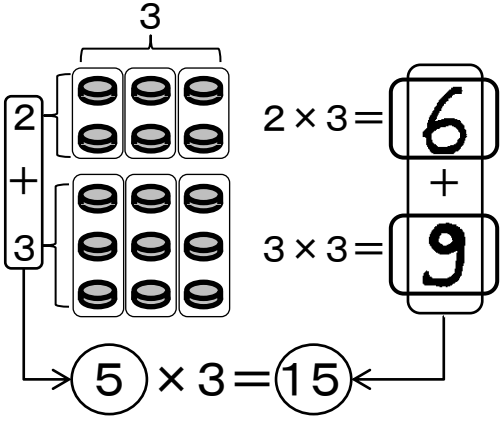
$6 + 9 =$ ☐



When we add the answers of 2×3 and 3×3, we get 15. This is the same as the answer of 5×3.

Let's look at 2 × 3, 3 × 3 and 5 × 3.

	1	2	3
2	2	4	6
3	3	6	9
5	5	10	15



The sum of the top of 2 × 3 and 3 × 3 is the same as number at the top of 5 × 3.

Let's check if the answers of the sum of the two answers of multiplication by 2 × 4, 3 × 4 and 5 × 4.

	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
5	5	10	15	20	25	30	35	40	45

The sum of 2 times table and 3 times table are the 5 times table.

Example Write the correct answer in the ☐.

The sum of 2 times table and 3 times table are the ☐ times table.

⇩

The sum of 2 times table and 3 times table are the 5 times table.

Exercise Write the correct answer in the ☐.

1) The sum of 2 times table and 4 times table are the ☐ times table.

2) The sum of 1 times table and 7 times table are the ☐ times table.

3) The sum of 4 times table and 5 times table are the ☐ times table.

4) The sum of 2 times table and 5 times table are the ☐ times table.