Practice Book for Mathematics

Answer Book

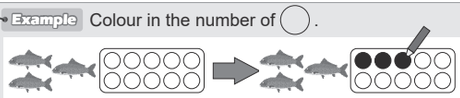
Grade 1

Japan International Cooperation Agency

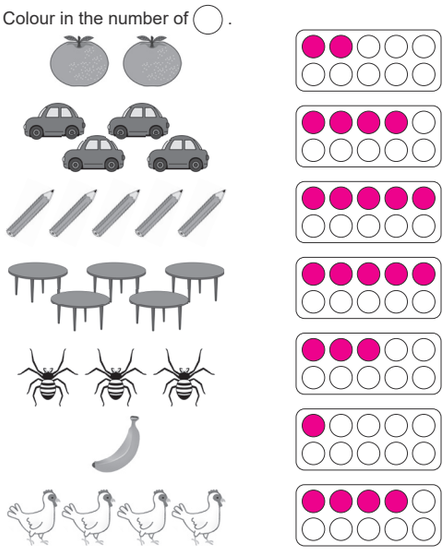
Page 2・3

1 - 1 How Many? Numbers to Five (1)

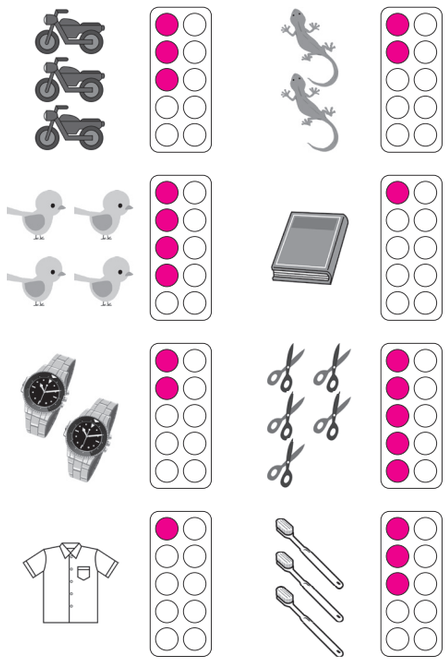
Example Colour in the number of ◯.



1 Colour in the number of ◯.



2 Colour in the number of ◯.



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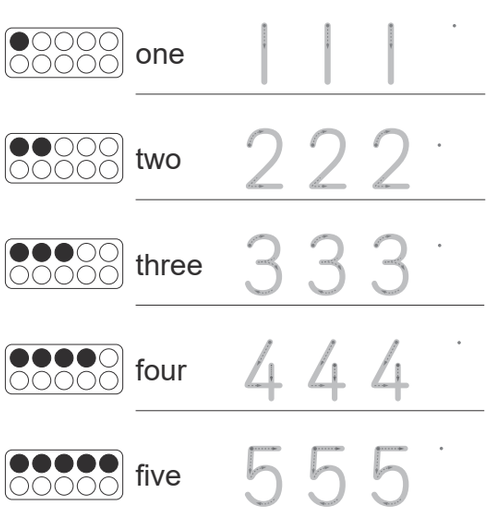
1 - 2 How Many? Numbers to Five (2)

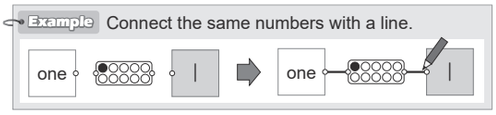
Example Write the number and read it.

Write the numbers and read them.

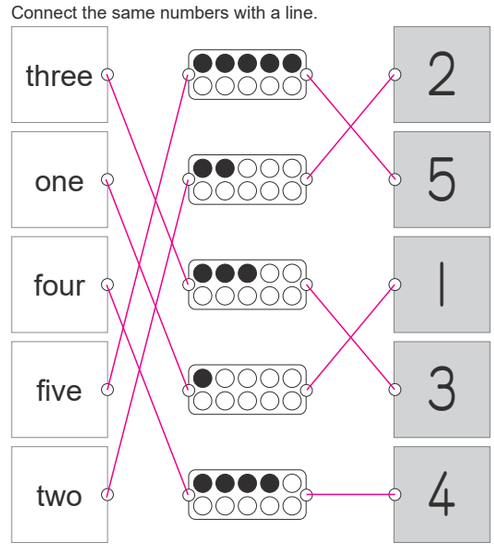


1 - 3 How Many? Numbers to Five (3)

Example Connect the same numbers with a line.



Connect the same numbers with a line.



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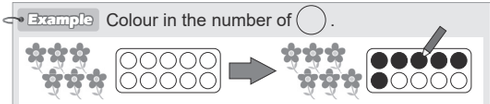
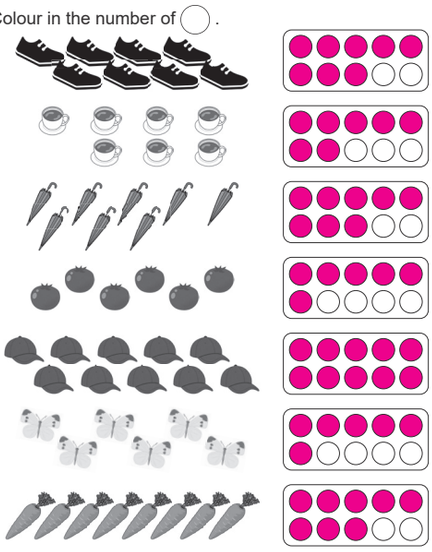
1 - 4 How Many? Numbers from Six to Ten (1)

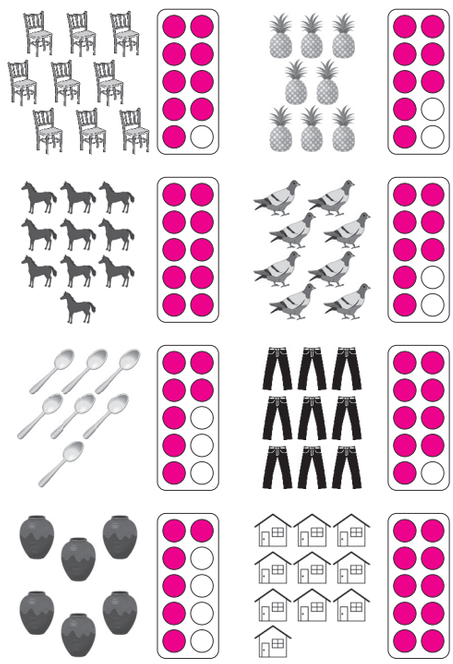
Example Colour in the number of ◯.



1 Colour in the number of ◯.



2 Colour in the number of ◯.



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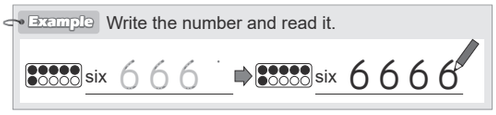
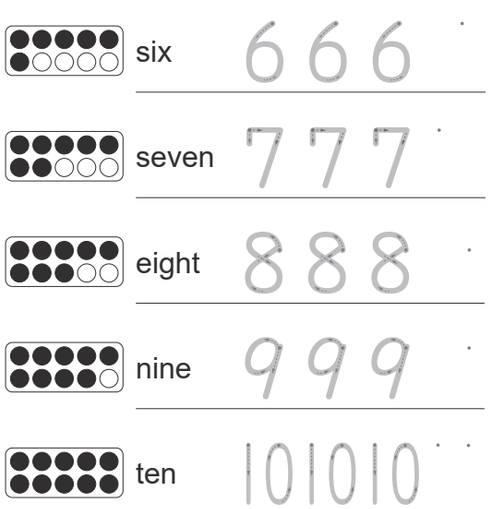
1 - 5 How Many? Numbers from Six to Ten (2)

Example Write the number and read it.

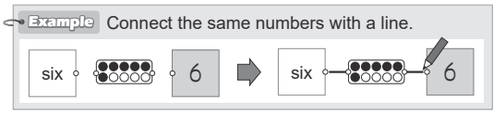


Write the numbers and read them

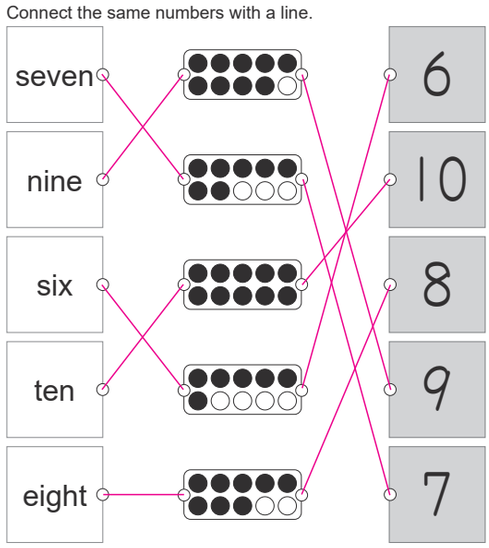


1 - 6 How Many? Numbers from Six to Ten (3)

Example Connect the same numbers with a line.



Connect the same numbers with a line.



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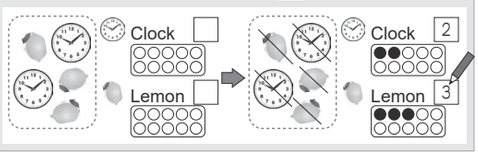
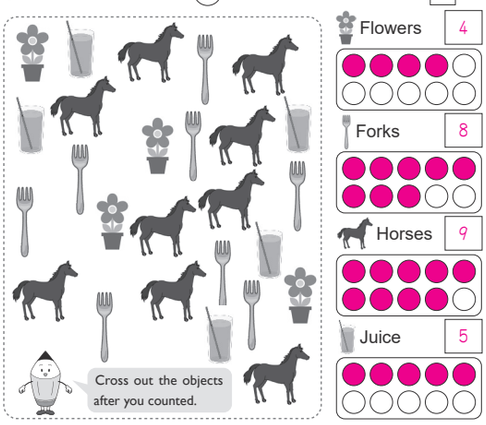
1 - 7 How Many? Numbers to Ten (1)

Example Colour in the number of ◯.
Write the number in the □.



Colour in the number of ◯. Write the number in the □.

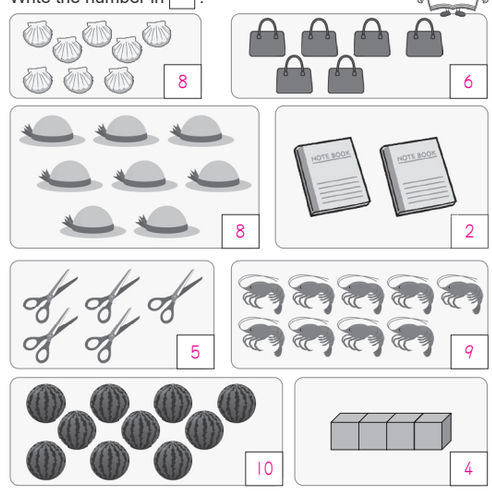


1 - 8 How Many? Numbers to Ten (1)

Example Write the numbers in the □.

Find the answer by counting the objects.

Write the number in □.



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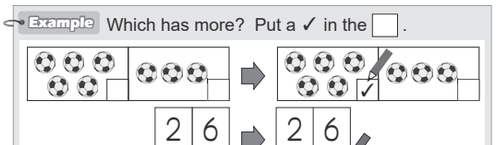
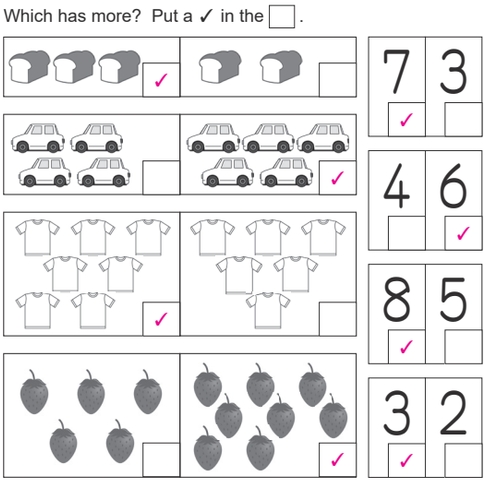
1 - 9 How Many? Numbers to Ten (3)

Example Which has more? Put a ✓ in the □.

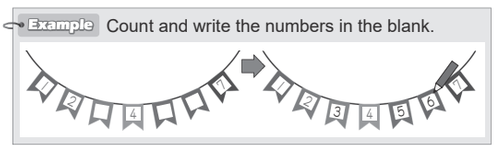


Which has more? Put a ✓ in the □.

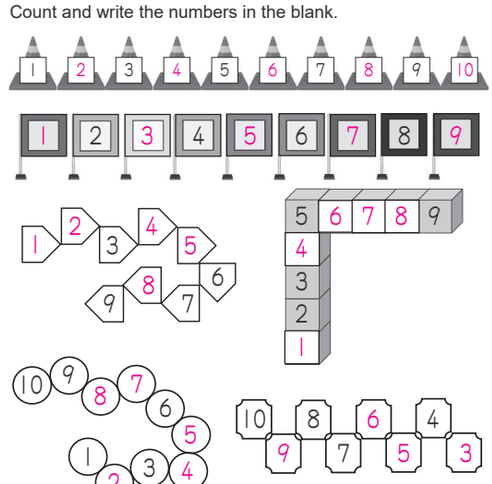


1 - 10 How Many? Counting (1)

Example Count and write the numbers in the blank.



Count and write the numbers in the blank.



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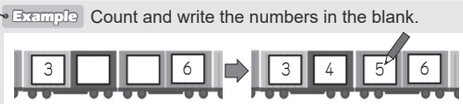
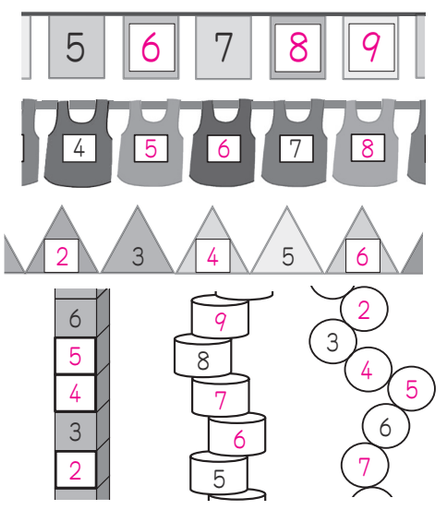
1 - 11 How Many? Counting (2)

Example Count and write the numbers in the blank.



Count and write the numbers in the blank.



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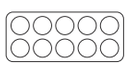
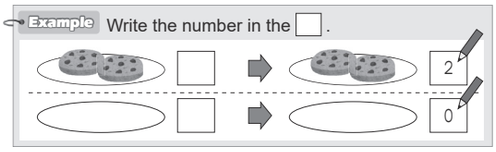
1 - 12 How Many? Zero

1 Write the number and read it.

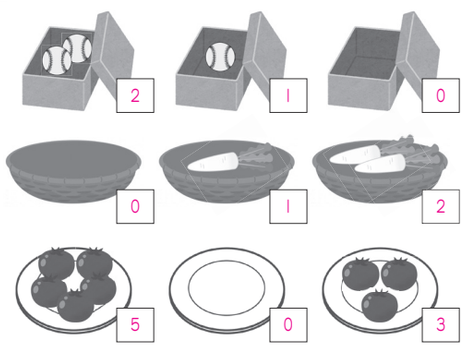


zero 0 0 0 0

Example Write the number in the ☐.



2 Write the numbers in the ☐.



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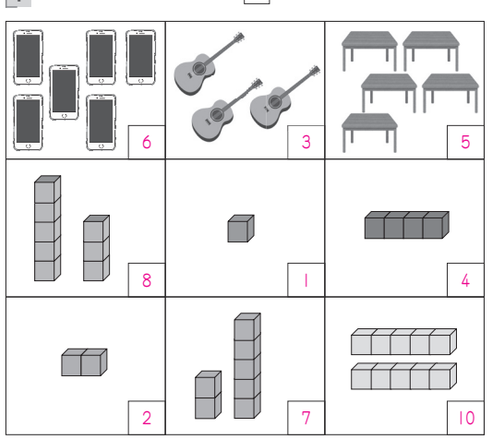
1 - 13 How Many? Review

1 Write the numbers in the ☐.



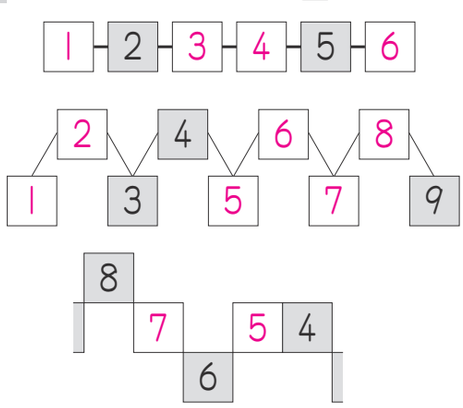
2 Write the numbers in the ☐.

7 seven	1 one	4 four	9 nine
6 six	2 two	8 eight	5 five

3 Which has more? Put a ✓ in the ☐.

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

4 Count and write the numbers in the ☐.



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2 - 1 How Many & How Many? Five

Example 1 Write the number in the □.

5 ➡ 4 and □ ➡ 5 ➡ 4 and 1

1 Write the number in the □.

1. 5 ➡ 3 and 2
2. 5 ➡ 1 and 4
3. 5 ➡ 2 and 3

Example 2 Write the number in the □.

5 ➡ □ and □ ➡ 5 ➡ 4 and 1

2 Write the number in the □.

1. 5 ➡ 2 and 3
2. 5 ➡ 1 and 4
3. 5 ➡ 3 and 2

2 - 2 How Many & How Many? Six

Example 1 Write the number in the □.

6 ➡ 4 and □ ➡ 6 ➡ 4 and 2

1 Write the number in the □.

1. 6 ➡ 3 and 3
2. 6 ➡ 5 and 1
3. 6 ➡ 1 and 5

Example 2 Write the number in the □.

6 ➡ □ and □ ➡ 6 ➡ 4 and 2

2 Write the number in the □.

1. 6 ➡ 2 and 4
2. 6 ➡ 1 and 5
3. 6 ➡ 3 and 3

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2 - 3 How Many & How Many? Seven

Example 1 Write the number in the □.

7 ➡ 3 and □ ➡ 7 ➡ 3 and 4

1 Write the number in the □.

1. 7 ➡ 2 and 5
2. 7 ➡ 5 and 2
3. 7 ➡ 4 and 3

Example 2 Write the number in the □.

7 ➡ □ and □ ➡ 7 ➡ 3 and 4

2 Write the number in the □.

1. 7 ➡ 4 and 3
2. 7 ➡ 2 and 5
3. 7 ➡ 1 and 6

2 - 4 How Many & How Many? Eight

Example 1 Write the number in the □.

8 ➡ 2 and □ ➡ 8 ➡ 2 and 6

1 Write the number in the □.

1. 8 ➡ 3 and 5
2. 8 ➡ 5 and 3
3. 8 ➡ 7 and 1

Example 2 Write the number in the □.

8 ➡ □ and □ ➡ 8 ➡ 2 and 6

2 Write the number in the □.

1. 8 ➡ 1 and 7
2. 8 ➡ 5 and 3
3. 8 ➡ 6 and 2

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2 - 5 How Many & How Many? Nine

Example 1 Write the number in the □.

9 ➡ 2 and □ ➡ 9 ➡ 2 and 7

1 Write the number in the □.

1. 9 ➡ 4 and 5
2. 9 ➡ 6 and 3
3. 9 ➡ 3 and 6

Example 2 Write the number in the □.

9 ➡ □ and □ ➡ 9 ➡ 2 and 7

2 Write the number in the □.

1. 9 ➡ 2 and 7
2. 9 ➡ 5 and 4
3. 9 ➡ 8 and 1

2 - 6 How Many & How Many? Ten (1)

Example Write the number in the □.

10 ➡ 5 and □ ➡ 10 ➡ 5 and 5

Write the number in the □.

1. 10 ➡ 8 and 2
2. 10 ➡ 6 and 4
3. 10 ➡ 1 and 9
4. 10 ➡ 2 and 8
5. 10 ➡ 4 and 6
6. 10 ➡ 7 and 3
7. 10 ➡ 3 and 7
8. 10 ➡ 9 and 1

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2 - 7 How Many & How Many? Ten (2)

Example How many and how many make 10?

10 ➡ □ and □

10 ➡ 5 and 5

Write the number in the □ to make 10.

1. 10 ➡ 3 and 7
2. 10 ➡ 9 and 1
3. 10 ➡ 2 and 8
4. 10 ➡ 7 and 3
5. 10 ➡ 4 and 6
6. 10 ➡ 1 and 9
7. 10 ➡ 6 and 4
8. 10 ➡ 8 and 2

2 - 8 How Many & How Many? Make Ten (1)

Example Write the number in the □.

1 and □ make 10.

1 and 9 make 10.

Write the number in the □.

1. 3 and 7 make 10.
2. 4 and 6 make 10.
3. 5 and 5 make 10.
4. 7 and 3 make 10.
5. 8 and 2 make 10.
6. 2 and 8 make 10.
7. 1 and 9 make 10.
8. 9 and 1 make 10.
9. 6 and 4 make 10.
10. 8 and 2 make 10.

Get familiar with the numbers to make 10.

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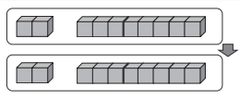
2 - 9 How Many & How Many? Make Ten (2)

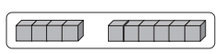
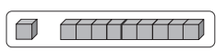
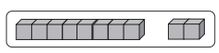
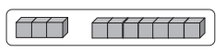
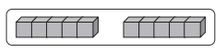
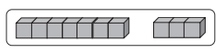
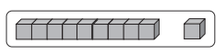
Example Write the number in the □.



□ and □ make 10.

2 and 8 make 10.

Write the number in the □.

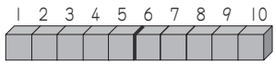
1.  4 and 6 make 10.
2.  1 and 9 make 10.
3.  8 and 2 make 10.
4.  3 and 7 make 10.
5.  6 and 4 make 10.
6.  5 and 5 make 10.
7.  7 and 3 make 10.
8.  9 and 1 make 10.

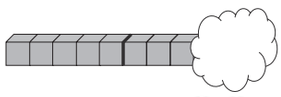
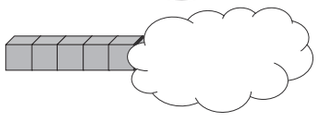
2 - 10 How Many & How Many? Review

1 Write the numbers in the □.

1. 5 is 3 and 2
2. 6 is 5 and 1
3. 7 is 4 and 3
4. 8 is 4 and 4
5. 9 is 3 and 6
6. 5 is 1 and 4
7. 7 is 2 and 5
8. 9 is 2 and 7

2 There are 10 blocks. How many blocks are hidden in the ☁.



1.  2 blocks
2.  7 blocks
3.  5 blocks

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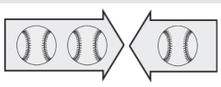
3 - 1 Adding Together and Adding More Adding Together (1)

Example How many balls are there if you put them together?



2 + 1 = 3

Answer 3 balls

1 Write the **plus** symbol.

2 Write the **equal** symbol.

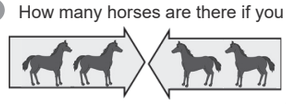
3 Read the following questions and find the answers.

1. How many hats are there if you put them together?

3 + 2 = 5

Answer 5 hats

2. How many horses are there if you put them together?



2 + 2 = 4

Answer 4 horses

3. How many T-shirts are there if you put them together?

1 + 3 = 4

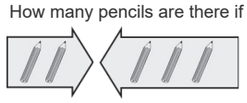
Answer 4 T-shirts

4. How many bananas are there if you put them together?

4 + 1 = 5

Answer 5 bananas

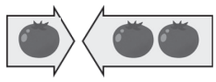
5. How many pencils are there if you put them together?



2 + 3 = 5

Answer 5 pencils

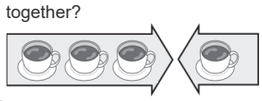
6. How many tomatoes are there if you put them together?



1 + 2 = 3

Answer 3 tomatoes

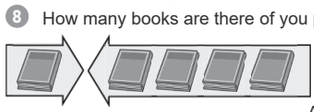
7. How many cups of coffee are there if you put them together?



3 + 1 = 4

Answer 4 cups of coffee

8. How many books are there of you put them together?



1 + 4 = 5

Answer 5 books

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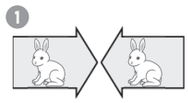
3 - 2 Adding Together and Adding More
Adding Together (2)

Example Write this as math sentence and find the answer.

1 + 2 = 3

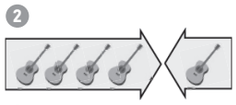
Answer 3 watches

Write these as math sentences and find the answers.

1 

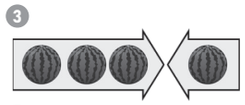
1 + 1 = 2

Answer 2 rabbits

2 

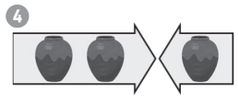
4 + 1 = 5

Answer 5 guitars

3 

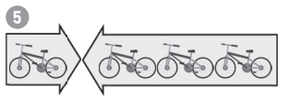
3 + 1 = 4

Answer 4 watermelons

4 

2 + 1 = 3

Answer 3 vases

5 

1 + 3 = 4

Answer 4 bicycles

3 - 3 Adding Together and Adding More
Adding More (1)

Example How many pens are there if you add two more pens?

3 + 2 = 5

Answer 5 pens

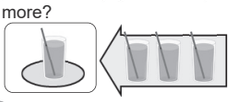
Read the following questions and find the answers.

1 How many birds are there if one bird comes?

2 + 1 = 3

Answer 3 birds

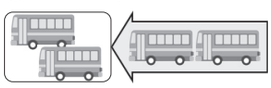
2 How many glasses of juice are there if you order three more?



1 + 3 = 4

Answer 4 glasses of juice

3 How many buses are there if two more buses come?



2 + 2 = 4

Answer 4 buses

4 How many carrots are there if you add one more?

4 + 1 = 5

Answer 5 carrots

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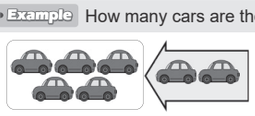
3 - 4 Adding Together and Adding More
Adding More (2)

Example How many cars are there if two more cars come?

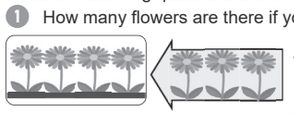


5 + 2 = 7

Answer 7 cars

Read the following questions and find the answers.

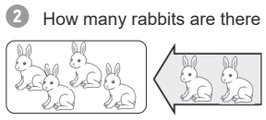
1 How many flowers are there if you plant three more?



4 + 3 = 7

Answer 7 flowers

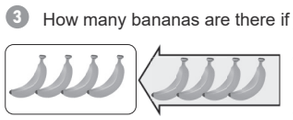
2 How many rabbits are there if two more rabbits come?



4 + 2 = 6

Answer 6 rabbits

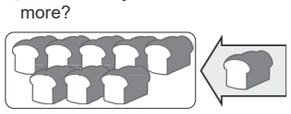
3 How many bananas are there if you buy four more?



4 + 4 = 8

Answer 8 bananas

4 How many loaves of bread are there if you bake one more?



8 + 1 = 9

Answer 9 loaves of bread

3 - 5 Adding Together and Adding More
Addition (1)

Example Solve these addition problems.

1 3 + 1 = 4

2 1 + 2 = 3

Solve these addition problems.

1 7 + 2 = 9

2 3 + 4 = 7

3 6 + 2 = 8

4 3 + 6 = 9

5 2 + 5 = 7

6 7 + 1 = 8

7 5 + 1 = 6

8 1 + 3 = 4

9 5 + 2 = 7

10 2 + 7 = 9

11 1 + 6 = 7

12 3 + 5 = 8

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3 - 6 Adding Together and Adding More
Addition (2)

Example Solve these addition problems.

❶ 1 + 7 = 8 ❷ 2 + 5 = 7

Solve these addition problems.

❶ 1 + 2 = 3 ❷ 1 + 4 = 5

❸ 2 + 6 = 8 ❹ 4 + 2 = 6

❺ 4 + 1 = 5 ❻ 3 + 1 = 4

❼ 5 + 4 = 9 ❽ 2 + 4 = 6

❾ 6 + 1 = 7 ❿ 2 + 2 = 4

⓫ 3 + 2 = 5 ⓬ 4 + 5 = 9

⓭ 1 + 8 = 9 ⓮ 7 + 3 = 10

⓯ 5 + 5 = 10 ⓰ 1 + 5 = 6

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3 - 7 Adding Together and Adding More
Review (1)

1 Write these as math sentences and find the answers.

❶ How many cupcakes are there if you put them together?

3 + 2 = 5

Answer 5 cupcakes

❷ How many cupcakes are there if you put them together?

4 + 0 = 4

Answer 4 cupcakes

2 Solve these addition problems.

❶ 5 + 1 = 6 ❷ 1 + 8 = 9

❸ 3 + 2 = 5 ❹ 2 + 6 = 8

❺ 6 + 1 = 7 ❻ 7 + 2 = 9

❼ 5 + 3 = 8 ❽ 3 + 4 = 7

❾ 4 + 1 = 5 ❿ 6 + 0 = 6

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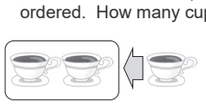
3 - 8 Adding Together and Adding More
Review (2)

1 Write these as math sentences and find the answers.

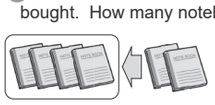
❶ There are two cups of tea. One more cup of tea is ordered. How many cups of tea are there now?



2 + 1 = 3

Answer 3 cups of tea

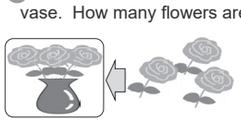
❷ There are four notebooks. Two more notebooks are bought. How many notebooks are there now?



4 + 2 = 6

Answer 6 notebooks

❸ There are three flowers. Three more are put in the vase. How many flowers are there altogether?



3 + 3 = 6

Answer 6 flowers

2 Solve these addition problems.

❶ 5 + 4 = 9 ❷ 4 + 6 = 10

❸ 9 + 1 = 10 ❹ 4 + 3 = 7

❺ 3 + 0 = 3 ❻ 0 + 9 = 9

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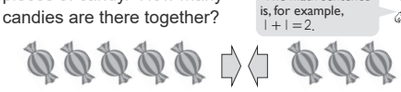
3 - 9 Adding Together and Adding More
Review (3)

1 Write these as math sentences and find the answers.

❶ I have five pieces of candy. My brother has three pieces of candy. How many candies are there together?

The math sentence is, for example, 1 + 1 = 2.

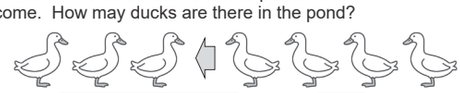


Math Sentence 5 + 3 = 8 Answer 8 pieces of candy

❷ I have four caps at home. I bought two more caps. How may caps do I have now?

Math Sentence 4 + 2 = 6 Answer 6 caps

❸ There are three ducks in the pond. Four more ducks come. How may ducks are there in the pond?



Math Sentence 3 + 4 = 7 Answer 7 ducks

2 Solve these addition problems.

❶ 7 + 2 = 9 ❷ 5 + 1 = 6

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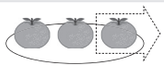
4 - 1 What is Left? What is Left? (1)

Example There were three oranges. I ate one of them. How many oranges are left?



3 − 1 = 2

Answer 2 oranges

1 Write the minus symbol.

2 Read the following questions and find the answers.

1. There were five balloons. Three of them flew away. How many balloons are left?

5 − 3 = 2

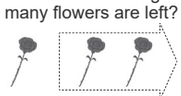
Answer 2 balloons

2. There were four cars. One of them moved. How many cars are left?

4 − 1 = 3

Answer 3 cars

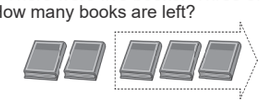
3. I had three flowers. I gave my friends two flowers. How many flowers are left?



3 − 2 = 1

Answer 1 flower

4. There were five books. Three of them were sold. How many books are left?



5 − 3 = 2

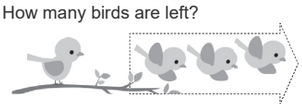
Answer 2 books

5. There were three cupcakes. One of them was eaten. How many cupcakes are left?

3 − 1 = 2

Answer 2 cupcakes

6. There were four birds. Three of them flew away. How many birds are left?



4 − 3 = 1

Answer 1 bird

7. There were two eggs. I ate one of them. How many eggs are left?

2 − 1 = 1

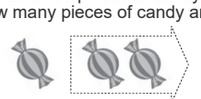
Answer 1 egg

8. There were five fish. One of them swam away. How many fish are left?

5 − 1 = 4

Answer 4 fish

9. I had three pieces of candy. My brother ate two pieces. How many pieces of candy are left?



3 − 2 = 1

Answer 1 piece of candy

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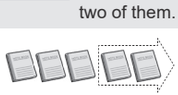
4 - 2 What is Left? What is Left? (2)

Example There were five notebooks. I gave my friends two of them. How many notebooks are left?

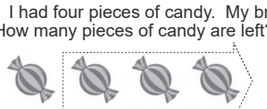


5 − 2 = 3

Answer 3 notebooks

Read the following questions and find the answers.

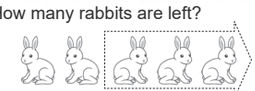
1. I had four pieces of candy. My brother ate two pieces. How many pieces of candy are left?



4 − 3 = 1

Answer 1 piece of candy

2. There were five rabbits. Three of them ran away. How many rabbits are left?



5 − 3 = 2

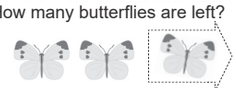
Answer 2 rabbits

3. Four buses were parked. One of them drove away. How many buses are left?

4 − 1 = 3

Answer 3 buses

4. There were three butterflies. One of them flew away. How many butterflies are left?

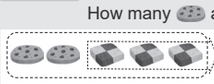


3 − 1 = 2

Answer 2 butterflies

4 - 3 What is Left? What is Left? (3)

Example There are five biscuits. Three of them are . How many  are there?

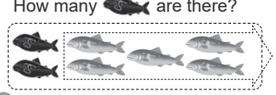


5 − 3 = 2

Answer 2 biscuits

Read the following questions and find the answers.

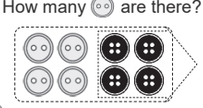
1. There are seven fish. Five of them are  . How many  are there?



7 − 5 = 2

Answer 2 fish

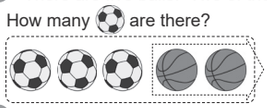
2. There are eight buttons. Four of them are  . How many  are there?



8 − 4 = 4

Answer 4 buttons

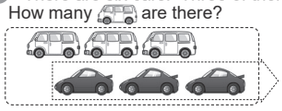
3. There are five balls. Two of them are  . How many  are there?



5 − 2 = 3

Answer 3 balls

4. There are six cars. Three of them are  . How many  are there?



6 − 3 = 3

Answer 3 cars

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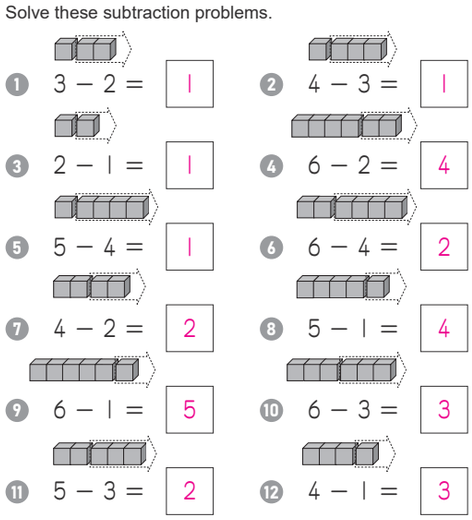
4 - 4 What is Left? Subtraction (1)

Example Solve these subtraction problems.

1 3 − 1 = 2　　2 5 − 2 = 3

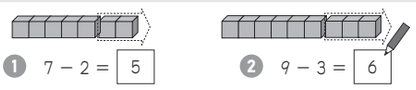
Solve these subtraction problems.



1 3 − 2 = 1　　2 4 − 3 = 1
3 2 − 1 = 1　　4 6 − 2 = 4
5 5 − 4 = 1　　6 6 − 4 = 2
7 4 − 2 = 2　　8 5 − 1 = 4
9 6 − 1 = 5　　10 6 − 3 = 3
11 5 − 3 = 2　　12 4 − 1 = 3

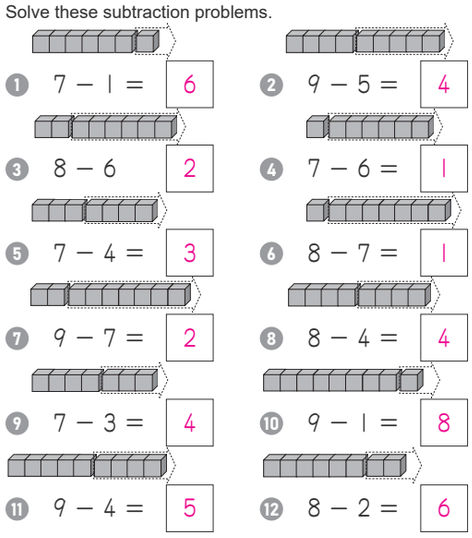
4 - 5 What is Left? Subtraction (2)

Example Solve these subtraction problems.



1 7 − 2 = 5　　2 9 − 3 = 6

Solve these subtraction problems.



1 7 − 1 = 6　　2 9 − 5 = 4
3 8 − 6 = 2　　4 7 − 6 = 1
5 7 − 4 = 3　　6 8 − 7 = 1
7 9 − 7 = 2　　8 8 − 4 = 4
9 7 − 3 = 4　　10 9 − 1 = 8
11 9 − 4 = 5　　12 8 − 2 = 6

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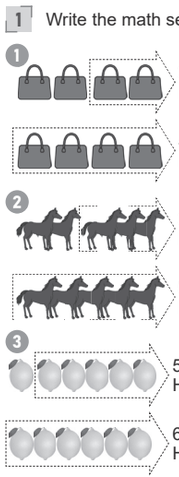
4 - 6 What is Left? 0 (Nothing Left)

Example Write the math sentences and find the answers.

I ate one tomato. How many are left? 3 − 1 = 2

I ate three tomatoes. How many are left? 3 − 3 = 0

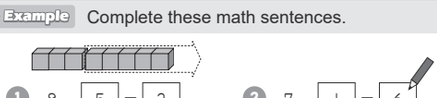
1 Write the math sentences and find the answers.



1 2 bags were sold. How many are left? 4 − 2 = 2
4 bags were sold. How many are left? 4 − 4 = 0
2 3 horses ran away. How many are left? 5 − 3 = 2
5 horses ran away. How many are left? 5 − 5 = 0
3 5 lemons were used. How many are left? 6 − 5 = 1
6 lemons were used. How many are left? 6 − 6 = 0

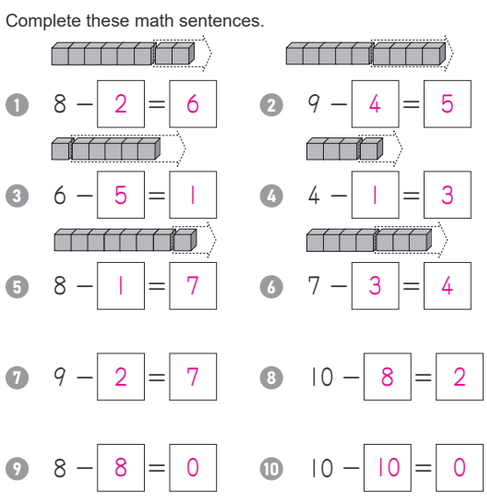
4 - 7 What is Left? Math Sentence

Example Complete these math sentences.



1 8 − 5 = 3　　2 7 − 1 = 6

Complete these math sentences.



1 8 − 2 = 6　　2 9 − 4 = 5
3 6 − 5 = 1　　4 4 − 1 = 3
5 8 − 1 = 7　　6 7 − 3 = 4
7 9 − 2 = 7　　8 10 − 8 = 2
9 8 − 8 = 0　　10 10 − 10 = 0

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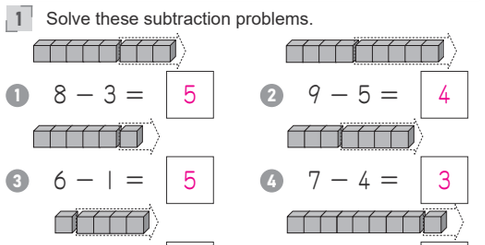
4 - 8 What is Left? Review

1 Solve these subtraction problems.



1. 8 − 3 = 5
2. 9 − 5 = 4
3. 6 − 1 = 5
4. 7 − 4 = 3
5. 5 − 4 = 1
6. 9 − 1 = 8
7. 4 − 2 = 2
8. 8 − 5 = 3
9. 3 − 3 = 0
10. 5 − 5 = 0
11. 10 − 6 = 4
12. 10 − 9 = 1

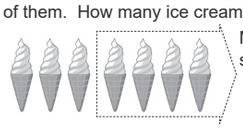
2 Write the math sentences and find the answers.

1. There were six trucks. Four of them drove away. How many trucks are left?

Math sentence: 6 − 4 = 2

Answer: 2 trucks

2. There were seven ice cream cones. My friends ate four of them. How many ice cream cones are left?



Math sentence: 7 − 4 = 3

Answer: 3 ice cream cones

3. There are four houses. Three of them are  . How many  are there?

Math sentence: 4 − 3 = 1

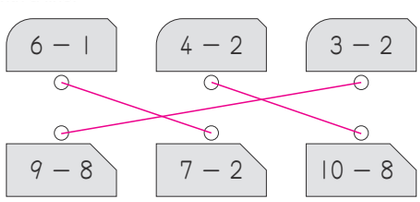
Answer: 1 house

4. There are five T-shirts. Two of them are  . How many  are there?

Math sentence: 5 − 2 = 3

Answer: 3 T-shirts

3 Connect two math sentences with the same answers with a line.



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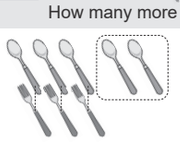
5 - 1 What is the Difference? What is the Difference? (1)

Example There are five  and three  . How many more are there than  .



5 − 3 = 2

Answer: 2 spoons

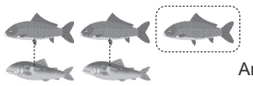
Read the following questions and find the answers.

1. There are four  and three  . How many more  are there than  ?

4 − 3 = 1

Answer: 1 orange

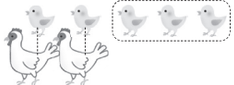
2. There are three  and two  . How many more  are there than  ?



3 − 2 = 1

Answer: 1 yellow fish

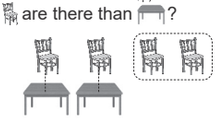
3. There are five  and two  . How many more  are there than  ?



5 − 2 = 3

Answer: 3 chicks

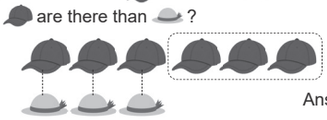
4. There are four  and two  . How many more  are there than  ?



4 − 2 = 2

Answer: 2 chairs

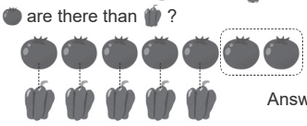
5. There are six  and three  . How many more  are there than  ?



6 − 3 = 3

Answer: 3 caps

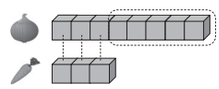
6. There are seven  and five  . How many more  are there than  ?



7 − 5 = 2

Answer: 2 tomatoes

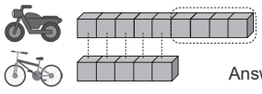
7. There are eight  and three  . How many more  are there than  ?



8 − 3 = 5

Answer: 5 onions

8. There are nine  and five  . How many more  are there than  ?



9 − 5 = 4

Answer: 4 motorcycles

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5 - 2 What is the Difference?
What is the Difference? (2)

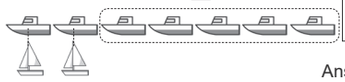
Example There are six and three . How many more are there than ?

6 − 3 = 3

Answer 3 pencils

Write the math sentences and find the answers.

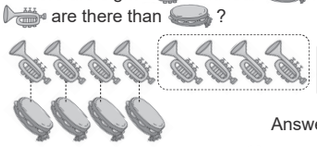
1. There are seven and two . How many more are there than ?



7 − 2 = 5

Answer 5 boats

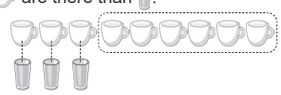
2. There are eight and four . How many more are there than ?



8 − 4 = 4

Answer 4 trumpets

3. There are nine and three . How many more are there than .



9 − 3 = 6

Answer 6 cups

50

5 - 3 What is the Difference?
What is the Difference? (3)

Example What is the difference between the number of and ?

6 − 5 = 1

Answer 1

Write the math sentences and find the answers.

1. What is the difference between the number of and ?

7 − 5 = 2

Answer 2

2. What is the difference between the number of and ?

6 − 3 = 3

Answer 3

3. What is the difference between the number of and ?

8 − 6 = 2

Answer 2

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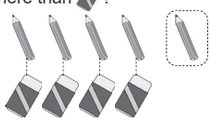
5 - 4 What is the Difference?
Review (1)

Write the math sentences and find the answers.

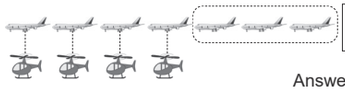
1. There are five and four . How many more are there than ?



5 − 4 = 1

Answer 1 pencil

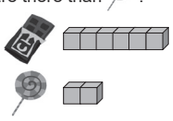
2. There are seven and four . How many more are there than ?



7 − 4 = 3

Answer 3 airplanes

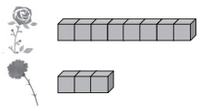
3. There are six and two . How many more are there than ?



6 − 2 = 4

Answer 4 chocolates

4. There are eight and three . How many more are there than ?



8 − 3 = 5

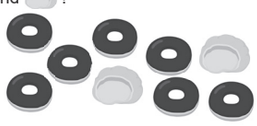
Answer 5 roses

52

5 - 5 What is the Difference?
Review (2)

Write the math sentences and find the answers.

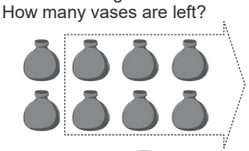
1. What is the difference between the number of and ?



7 − 2 = 5

Answer 5

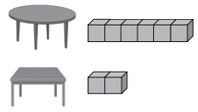
2. There are eight vases. Six of them are sold. How many vases are left?



8 − 6 = 2

Answer 2 vases

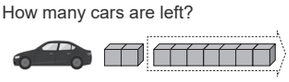
3. There are six and two . How many more are there than ?



6 − 2 = 4

Answer 4 tables

4. Nine cars were parked. Seven of them drove away. How many cars are left?



9 − 7 = 2

Answer 2 cars

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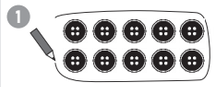
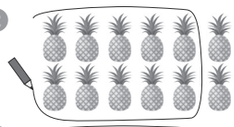
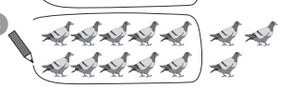
6 - 1 Numbers Greater than 10
10 **to** 20 (1)

Example Count and write the numbers in the □.

1  11

2  12

3  13

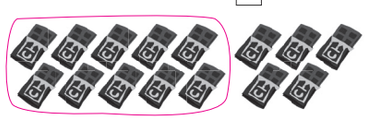
4  14

When we make a group of 10, there are one group of 10 and 1.

When we make a group of 10, there are one group of 10 and 2.

It is important that there are a group of 10 and how many. When there is a group of 10 and 1, it is 11. When there is a group of 10 and 2, it is 12.

Count and write the numbers in the □.



15

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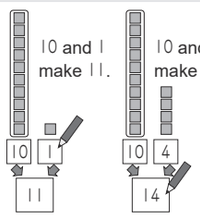
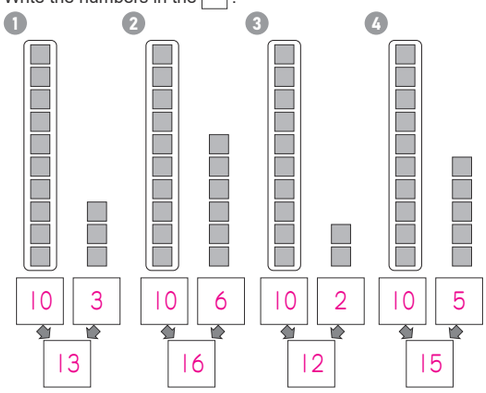
6 - 2 Numbers Greater than 10
10 **to** 20 (2)

Example Write the numbers in the □.



Pay attention to how many groups of 10 and □. If there are 10 and 1, it is 11 (eleven). If there are 10 and 2, it is 12 (twelve). Also there are 13 (thirteen), 14 (fourteen), 15 (fifteen), 16 (sixteen), 17 (seventeen), 18 (eighteen), 19 (nineteen) and 20 (twenty)!

Write the numbers in the □.



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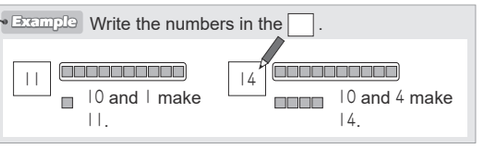
6 - 3 Numbers Greater than 10
10 **to** 20 (3)

Example Write the numbers in the □.



Write the numbers in the □.

1 11 □

2 17 □□□□□□□

3 18 □□□□□□□□

4 12 □□

5 13 □□□

6 15 □□□□□

7 19 □□□□□□□□□

8 14 □□□□ What is made by 10 and 10?

9 16 □□□□□□

10 20 □□□□□□□□□□

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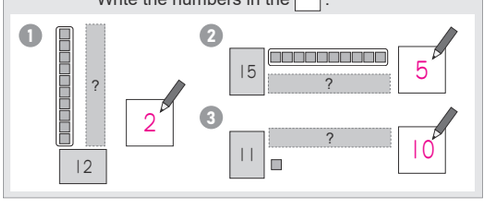
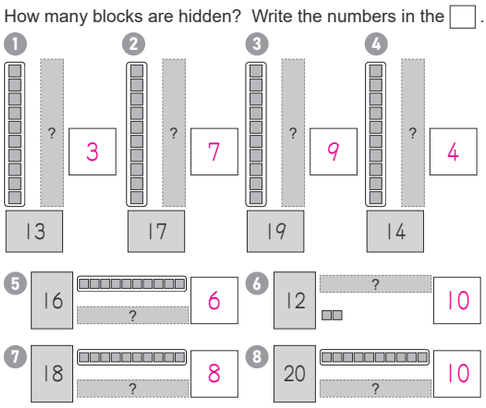
6 - 4 Numbers Greater than 10
10 **and How Many**

Example How many blocks are hidden?
Write the numbers in the □.



How many blocks are hidden? Write the numbers in the □.



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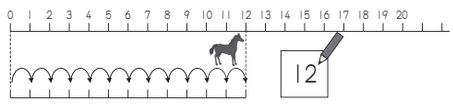
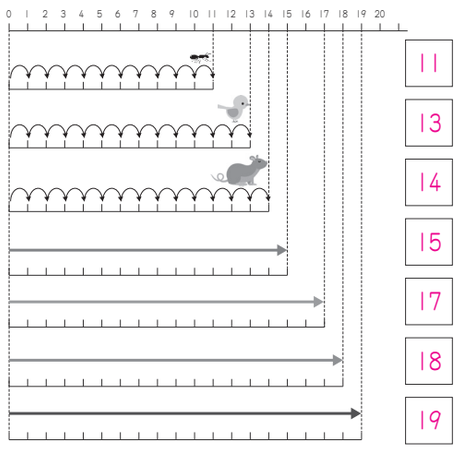
6 - 5 Numbers Greater than 10
Number Line

Example How far did the go? Use the number line to find out.



How far did each animal and arrows go? Use the number line to find out.



1. 11
2. 13
3. 14
4. 15
5. 17
6. 18
7. 19

6 - 6 Numbers Greater than 10
Numbers that is ( ) More than ( )

Example Find the number by using the number line.

The number that is 2 more than 13. 15

Find the numbers by using the number line.

1. The number that is 4 more than 12. 16
2. The number that is 3 more than 14. 17
3. The number that is 2 more than 11. 13
4. The number that is 5 more than 13. 18
5. The number that is 2 more than 10. 12
6. The number that is 4 more than 15. 19
7. The number that is 1 more than 17. 18

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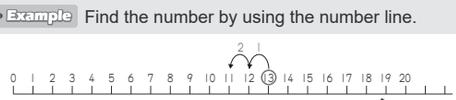
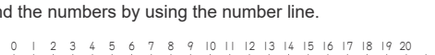
6 - 7 Numbers Greater than 10
Numbers that is ( ) Less than ( )

Example Find the number by using the number line.



The number that is 2 less than 13. 11

Find the numbers by using the number line.



1. The number that is 4 less than 19. 15
2. The number that is 2 less than 14. 12
3. The number that is 3 less than 17. 14
4. The number that is 8 less than 18. 10
5. The number that is 3 less than 12. 9
6. The number that is 8 less than 15. 7
7. The number that is 5 less than 11. 6

6 - 8 Numbers Greater than 10
Larger and Smaller Numbers

Example Circle the larger number.

1. (15) 12
2. 13 (18)

1 Circle the larger number.

1	9	(12)	2	(10)	8
3	(18)	15	4	(16)	12
5	13	(14)	6	16	(18)

2 Circle the smaller number.

1	(7)	10	2	12	(11)
3	(12)	15	4	(17)	19
5	13	(10)	6	20	(19)

Use the number line!

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6 - 9 Numbers Greater than 10
Count and Find the Numbers

Example Count and write the numbers in the □.

① 12 13 14 ② 12 14 16 18

Count and write the numbers in the □.

① 10 11 12 ② 15 16 17

③ 13 14 15 ④ 17 18 19 20

⑤ 10 12 14 16 18 20

⑥ 5 7 9 11 13 15 17

How many numbers are skipped?

6 - 10 Numbers Greater than 10
Addition and Subtraction (1)

Example Find the answers and write them in the □.

① 10 + 5 = 15 ② 15 − 5 = 10

Find the answers and write them in the □.

① 10 + 2 = 12 ② 12 − 2 = 10

③ 10 + 7 = 17 ④ 17 − 7 = 10

⑤ 10 + 4 = 14 ⑥ 14 − 4 = 10

⑦ 10 + 9 = 19 ⑧ 19 − 9 = 10

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6 - 11 Numbers Greater than 10
Addition and Subtraction (2)

Example Find the answers and write them in the □.

① 12 + 5 = 17 ② 19 − 8 = 11

Find the answers and write them in the □.

① 15 + 2 = 17 ② 14 + 5 = 19

③ 16 + 1 = 17 ④ 12 + 6 = 18

⑤ 17 + 2 = 19 ⑥ 13 + 3 = 16

⑦ 16 − 5 = 11 ⑧ 15 − 3 = 12

⑨ 17 − 7 = 10 ⑩ 19 − 4 = 15

⑪ 14 − 1 = 13 ⑫ 18 − 4 = 14

6 - 12 Numbers Greater than 10
Review (1)

1 Find the numbers and write them in the □.

① The number that is 4 larger than 12. 16

② The number that is 2 larger than 18. 20

③ The number that is 5 less than 19. 14

④ The number that is 3 less than 13. 10

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2 Count and write the numbers in the □.

① 12 13 14 15

② 15 16 17 18 19

③ 5 8 11 14 17 20

3 Find the answers and write them in the □.

① 14 + 3 = 17 ② 11 + 8 = 19

③ 12 + 4 = 16 ④ 15 − 4 = 11

⑤ 18 − 6 = 12 ⑥ 16 − 6 = 10

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6 - 13 Numbers Greater than 10 — Review (2)

1 Find the answers and write them in the □.

①	12 + 5 = 17	②	15 + 3 = 18
③	11 + 4 = 15	④	17 + 2 = 19
⑤	10 + 6 = 16	⑥	13 − 2 = 11
⑦	17 − 4 = 13	⑧	18 − 3 = 15
⑨	17 − 7 = 10	⑩	15 − 5 = 10

2 Circle the larger number.

①	11 **15**	②	**19** 9
③	**14** 12	④	**16** 15

3 Write "+" or "−" in the ◯ to make math sentences.

①	10 (+) 5 = 15	②	17 (−) 7 = 10
③	15 (−) 3 = 12	④	12 (+) 2 = 14

7 - 1 How Many? — Hour

Example Read the time.

8 o'clock

- The analogue clock has 2 hands, one long (**minute hand**) and one short (**hour hand**), that go around.
- The long hand is on 12 and the short hand is on 8.
- When the long hand is on 12, it says □ **o'clock**.

1 Read the time.

①	 9 o'clock	②	 10 o'clock
③	 2 o'clock	④	 12 o'clock
⑤	 11 o'clock	⑥	 6 o'clock

2 Read the time.

Don't forget to write the units.

①	 7 o'clock	②	 3 o'clock

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7 - 2 What Time is It? — Half-Hour

Instruction

Short hand	Points at 8	Points between 8 and 9	Points at 9
Long hand	Points at 12	Points at 6	Points at 12
Reading	It's eight o'clock	It's half past eight o'clock	It's nine o'clock

- The long hand goes from 12 to 6, and the short hand goes from 8 to 9.
- When the long hand is on 6, it is half past □ o'clock.

Example 1 Read the time.

Half past 2 o'clock

1 Read the time.

①	 Half past 3 o'clock	②	 Half past 4 o'clock
③	 Half past 6 o'clock	④	 Half past 11 o'clock

2 Read the time.

①	 Half past 9 o'clock	②	 Half past 10 o'clock
③	 Half past 12 o'clock	④	 Half past 5 o'clock

Example 2 On right or left, which clock shows half past 8 o'clock?

Left

3 On right or left, which clock shows half past 7 o'clock?

Right

4 On right or left, which clock shows half past 1 o'clock?

Left

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7 - 3 What Time is It? Review

1 Read the time.

1.  9 o'clock
2.  10 o'clock
3.  2 o'clock
4.  1 o'clock
5.  3 o'clock
6.  12 o'clock

2 Read the time.

1.  7 o'clock
2.  8 o'clock
3.  5 o'clock
4.  4 o'clock
5.  11 o'clock
6.  6 o'clock

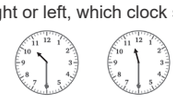
3 Read the time.

1.  Half past 3 o'clock
2.  Half past 4 o'clock
3.  Half past 6 o'clock
4.  Half past 5 o'clock

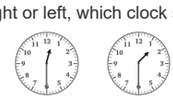
4 Read the time.

1.  Half past 9 o'clock
2.  Half past 7 o'clock
3.  Half past 6 o'clock
4.  Half past 12 o'clock

5 On right or left, which clock shows half past 10 o'clock?

 Left

6 On right or left, which clock shows half past 1 o'clock?

 Right

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8 - 1 Playing with Shapes Various Shapes (1)

Example Sort out the following shapes to the same categories.

(a)  (b)  (c)  (d) 

(a) and (c) are ▭ family.

(b) and (d) are ○ family.

Sort out the following shapes to the same categories.

(a)  (b)  (c)  (d) 

(e)  (f)  (g)  (h) 

(e) and (g) are ▭ family.

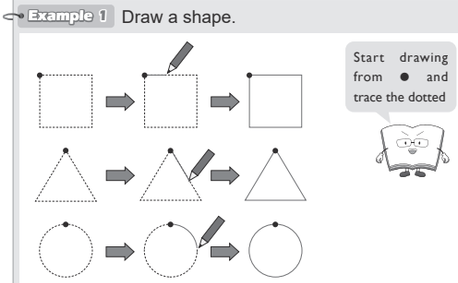
(c) and (f) are ▭ family.

(a) and (d) are ○ family.

(b) and (h) are △ family.

8 - 2 Playing with Shapes Various Shapes (2)

Example 1 Draw a shape.



1 Draw a shape.

1. 
2. 
3. 
4. 

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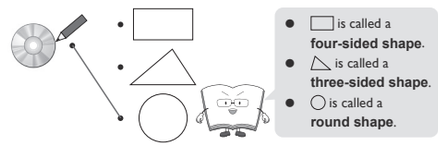
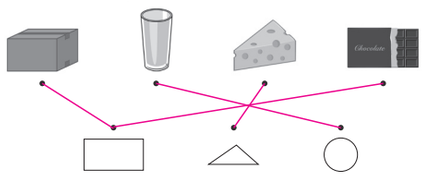
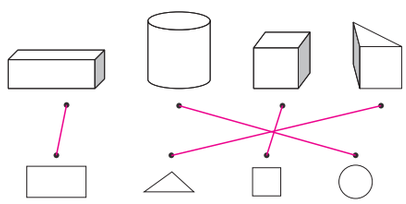
Example 2 Copy the surface of the object left and match it to the shape on the right.



2 Copy the surface of the objects on the top and match them to the shape on the bottom.

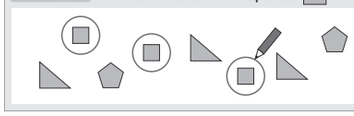


3 Copy the surface of the objects on the top and match them to the shape on the bottom.

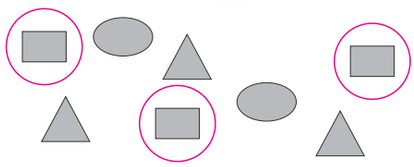


8 - 3 Playing with Shapes
Various Shapes (3)

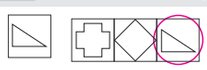
Example Circle the same shape as ▭.



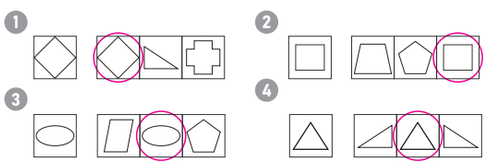
1 Circle the same shape as ▭.



Example 2 Circle the same shape.



2 Circle the same shape.



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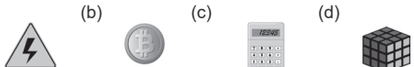
8 - 4 Playing with Shapes
Review

1 Sort out the following shapes to the same categories.

(a) (b) (c) (d)



(e) (f) (g) (h)

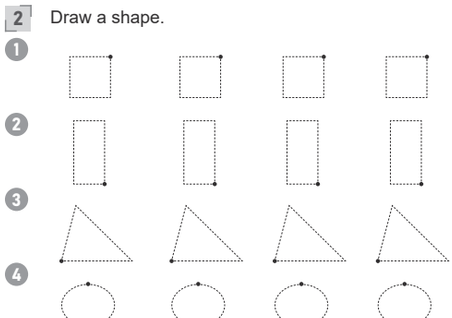
(c) and (e) are ▭ family.

(d) and (f) are ▭ family.

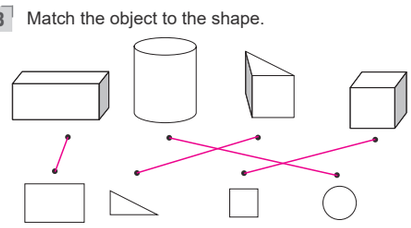
(b) and (g) are ○ family.

(a) and (h) are △ family.

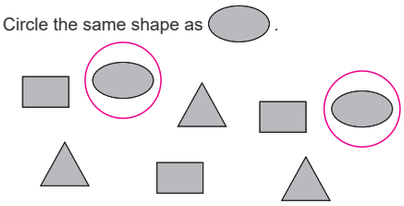
2 Draw a shape.



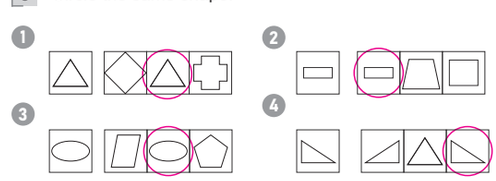
3 Match the object to the shape.



4 Circle the same shape as ⬭.



5 Circle the same shape.



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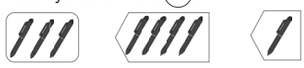
9 - 1 Calculation of Three Numbers
Addition of Three Numbers

Example How many cars are there altogether?
Write math symbols in the ◯.

There are two cars. Three cars came. Then four cars came.

Math sentence: 2 + 3 + 4 = 9 Answer: 9 cars

1 How many pens are there altogether?
Write math symbols in the ◯.



There are three pens. I bought four more pens. I bought one more pen.

Math sentence: 3 + 4 + 1 = 8 Answer: 8 cars

2 How many books are there altogether? Write math symbols in the ◯ and the answer in the □.

There is a book. I bought five more books. I bought three more books.

Math sentence: 1 + 5 + 3 = 9 Answer: 9 books

3 How many balloons are there altogether?
Write it as a math sentence and find the answer.

There are three balloons. My father gave me five balloons. My mother gave me two balloons

Math sentence: 3 + 5 + 2 = 10 Answer: 10 balloons

4 How many birds are there altogether?
Write it as a math sentence and find the answer.

There are three birds. Seven birds came. Another two birds came

Math sentence: 3 + 7 + 2 = 12 Answer: 12 birds

5 How many helicopters are there altogether?
Write it as a math sentence and find the answer.

There are two helicopters. Seven helicopters came. Two more helicopters came.

Math sentence: 2 + 7 + 2 = 11 Answer: 11 helicopters

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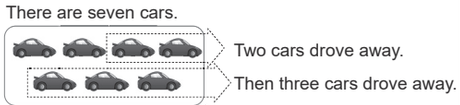
9 - 2 Calculation of Three Numbers
Subtraction of Three Numbers

Example How many cars are left?
Write math symbols in the ◯.

There are seven cars.

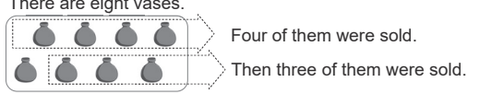


Two cars drove away. Then three cars drove away.

Math sentence: 7 − 2 − 3 = 2 Answer: 2 cars

1 How many vases are left?
Write math symbols in the ◯.

There are eight vases.

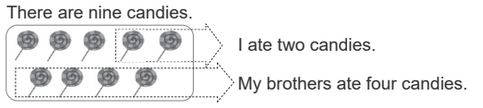


Four of them were sold. Then three of them were sold.

Math sentence: 8 − 4 − 3 = 1 Answer: 1 vase

2 How many candies are left?
Write math symbols in the ◯ and the answer in the □.

There are nine candies.

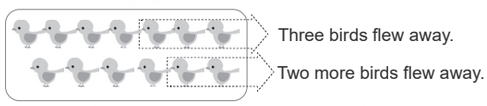


I ate two candies. My brothers ate four candies.

Math sentence: 9 − 2 − 4 = 3 Answer: 3 candies

3 How many birds are left?
Write it as a math sentence and find the answer.

There are thirteen birds.

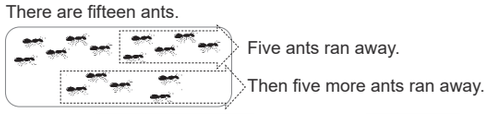


Three birds flew away. Two more birds flew away.

Math sentence: 13 − 3 − 2 = 8 Answer: 8 birds

4 How many ants are there left?
Write it as a math sentence and find the answer.

There are fifteen ants.



Five ants ran away. Then five more ants ran away.

Math sentence: 15 − 5 − 5 = 5 Answer: 5 ants

5 How many cupcakes are left?
Write it as a math sentence and find the answer.

There are twelve cupcakes.

I ate two cupcakes. My friends ate four cupcakes.

Math sentence: 12 − 2 − 4 = 6 Answer: 6 cupcakes

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9 - 3 Calculation of Three Numbers
Addition & Subtraction of Three Numbers

Example How many cars are there?
Write math symbols in the ◯.

There are five cars.

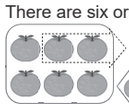

Three cars drove away.


Then four cars came.

Math sentence: 5 − 3 + 4 = 6 Answer: 6 cars

1 How many oranges are there?
Write math symbols in the ◯.

There are six oranges.

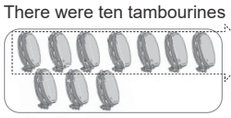

I ate two of them.

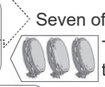

Then I bought four oranges.

Math sentence: 6 − 2 + 4 = 8 Answer: 8 oranges

2 How many tambourines are there?
Write math symbols in the ◯ and the answer in the □.

There were ten tambourines in the shop.

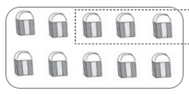

Seven of them were sold.


The shop purchased three tambourines.

Math sentence: 10 − 7 + 3 = 6 Answer: 6 tambourines

3 How many erasers are there?
Write it as a math sentence and find the answer.

I had ten erasers.

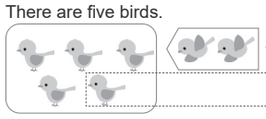

I used three of them.

Then I bought two erasers.

Math sentence: 10 − 3 + 2 = 9 Answer: 9 erasers

4 How many birds are there?
Write it as a math sentence and find the answer.

There are five birds.

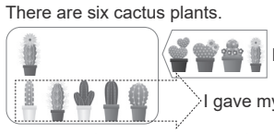

Two birds came

One bird flew away.

Math sentence: 5 + 2 − 1 = 6 Answer: 6 birds

5 How many cactus plants are there?
Write it as a math sentence and find the answer.

There are six cactus plants.


I bought four cactus plants.

I gave my friends five cactus plants.

Math sentence: 6 + 4 − 5 = 5 Answer: 5 cactus plants

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9 - 4 Calculation of Three Numbers
Calculation of Three Numbers

Example Find the answers and write them in the □.

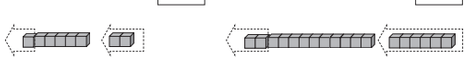

1 5 + 5 + 5 = 15 2 7 − 3 − 2 = 2

Find the answers and write them in the □.

1 3 + 7 + 3 = 13 2 14 − 4 − 3 = 7

3 9 + 1 + 2 = 12 4 7 − 3 − 2 = 2

5 6 + 4 + 5 = 15 6 9 − 1 − 2 = 6



7 6 + 2 − 1 = 7 8 12 − 2 + 6 = 16

9 8 + 2 − 6 = 4 10 10 − 7 + 2 = 5

11 5 + 5 − 7 = 3 12 16 − 6 + 3 = 13

9 - 5 Calculation of Three Numbers
Making Questions (1)

Example Make a question by looking at the picture.

4 + 2 + 1 = 7

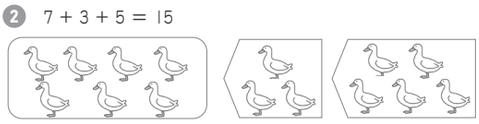
I have four tomatoes. My mother gave me two tomatoes. My father also gave me one tomato. How many tomatoes do I have now?

Make questions by looking at the pictures.

1 6 + 4 + 2 = 12

Six flowers are planted in my garden. I bought another four flowers. Then my friends gave me two flowers. How many flowers are there?

2 7 + 3 + 5 = 15



There are seven ducks. Three ducks came. Then another five ducks came. How many ducks are there?

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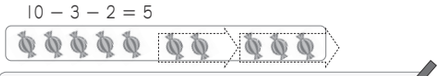
9 - 6 Calculation of Three Numbers
Making Questions (2)

Example Make a question by looking at the picture.

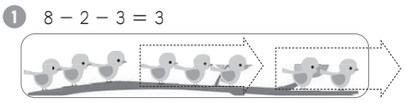
10 − 3 − 2 = 5



I had 10 pieces of candy. I gave my brother three of them. Then I gave my sister two of them. How many pieces of candy are left?

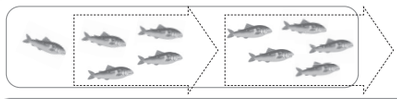
Make questions by looking at the pictures.

1 8 − 2 − 3 = 3



There were eight birds in the tree. Two birds flew away. Then three more birds flew away. How many birds are left?

2 10 − 5 − 4 = 1



There are ten fish. Five of them swam away. Then four more of them swan away. How many fish are left?

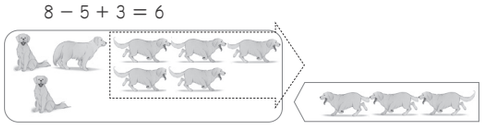
9 - 7 Calculation of Three Numbers
Review

1 Find the answers and write them in the □.

1	8 + 2 + 9 = 19	2	10 + 1 + 3 = 14
3	15 − 5 − 3 = 7	4	13 − 3 − 8 = 2
5	12 + 3 − 2 = 13	6	11 + 4 − 3 = 12
7	16 − 6 + 3 = 13	8	14 − 4 + 7 = 17
9	10 − 7 + 2 = 5	10	9 − 6 + 5 = 8
11	8 − 3 + 5 = 10	12	9 − 6 + 9 = 12

2 Make a question by looking at the picture.

8 − 5 + 3 = 6



There were eight dogs in the park. Five of them ran away. Then three of them came back. How many dogs are left?

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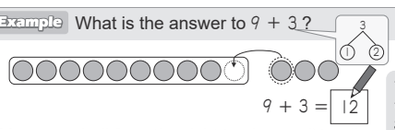
10 - 1 Addition
Addition (9 + ?)

Example What is the answer to 9 + 3?

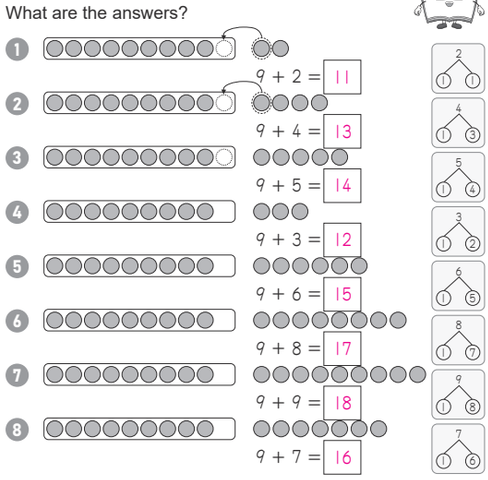


9 + 3 = 12

Move one ball from the right to change 9 to 10. There are 2 left. The answer is 12 with 10 and 2.

You need to make a group of 10. 3 is 1 and 2.

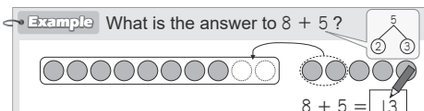
What are the answers?



1 9 + 2 = 11
2 9 + 4 = 13
3 9 + 5 = 14
4 9 + 3 = 12
5 9 + 6 = 15
6 9 + 8 = 17
7 9 + 9 = 18
8 9 + 7 = 16

10 - 2 Addition
Addition (8 + ?)

Example What is the answer to 8 + 5?

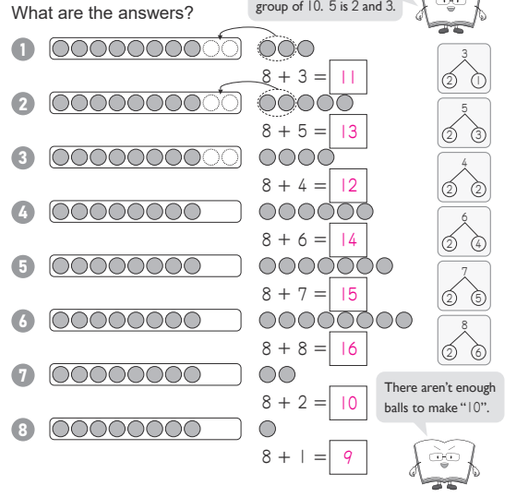


8 + 5 = 13

Move two balls from the right to change 8 to 10. There are 3 left. The answer is 13 with 10 and 3.

You need to make a group of 10. 5 is 2 and 3.

What are the answers?



1 8 + 3 = 11
2 8 + 5 = 13
3 8 + 4 = 12
4 8 + 6 = 14
5 8 + 7 = 15
6 8 + 8 = 16
7 8 + 2 = 10
8 8 + 1 = 9

There aren't enough balls to make "10".

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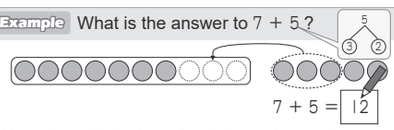
10 - 3 Addition
Addition (7 + ?)

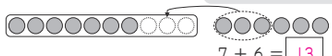
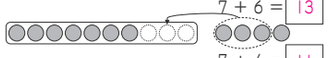
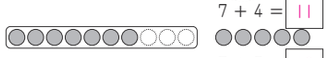
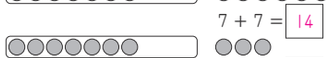
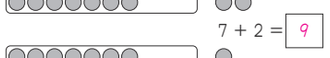
Example What is the answer to 7 + 5?



Move three balls from the right to change 7 to 10.
There are 2 left. The answer is 12 with 10 and 2.

What are the answers?

You need to make a group of 10. 5 is 3 and 2.

1.  7 + 6 = 13
2.  7 + 4 = 11
3.  7 + 5 = 12
4.  7 + 7 = 14
5.  7 + 3 = 10
6.  7 + 2 = 9
7.  7 + 1 = 8

There aren't enough balls to make "10".

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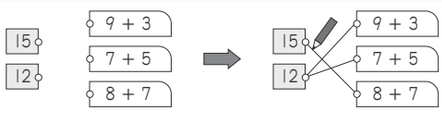
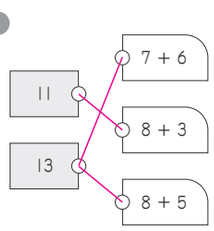
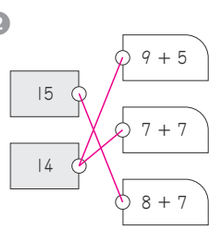
10 - 4 Addition
Find the Answer

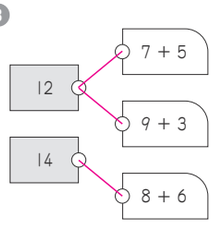
Example Connect the answer and formula with a line.

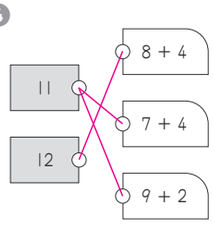


Connect the answer and formula with a line.

1. 

2. 

3. 

4. 

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10 - 5 Addition
Addition of Two Numbers (1)

Example Add two numbers.

9 + 2 = ☐ ➡ 9 + 2 = 11

How many can be moved to change 9 to 10? One can be moved to make 10. Then 1 remains. So, the answer is 11 with 10 and 1.

Add two numbers.

How many can be moved to change 9 to 10?

1. 9 + 3 = 12
2. 9 + 5 = 14
3. 9 + 6 = 15
4. 9 + 4 = 13
5. 9 + 7 = 16
6. 9 + 8 = 17

How many can be moved to change 8 to 10?

7. 8 + 3 = 11
8. 8 + 5 = 13
9. 8 + 4 = 12
10. 8 + 6 = 14

How many can be moved to change 7 to 10?

11. 8 + 7 = 15
12. 7 + 4 = 11
13. 7 + 5 = 12
14. 7 + 6 = 13
15. 6 + 5 = 11

How many can be moved to change 6 to 10?

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10 - 6 Addition
Addition of Two Numbers (2)

Example Add two numbers.

6 + 9 = ☐ ➡ 6 + 9 = 15

Pay attention to larger number. How many can be moved to change 9 to 10? One can be moved to make 10. Then five remains. So, the answer is 15 with 10 and 5.

Add two numbers.

How many can be moved to change 9 to 10?

1. 2 + 9 = 11
2. 3 + 9 = 12
3. 4 + 9 = 13
4. 5 + 9 = 14
5. 7 + 9 = 16
6. 8 + 9 = 17

How many can be moved to change 8 to 10?

7. 3 + 8 = 11
8. 5 + 8 = 13
9. 4 + 8 = 12
10. 6 + 8 = 14

How many can be moved to change 7 to 10?

11. 7 + 8 = 15
12. 4 + 7 = 11
13. 5 + 7 = 12
14. 6 + 7 = 13
15. 5 + 6 = 11

How many can be moved to change 6 to 10?

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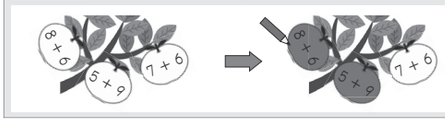
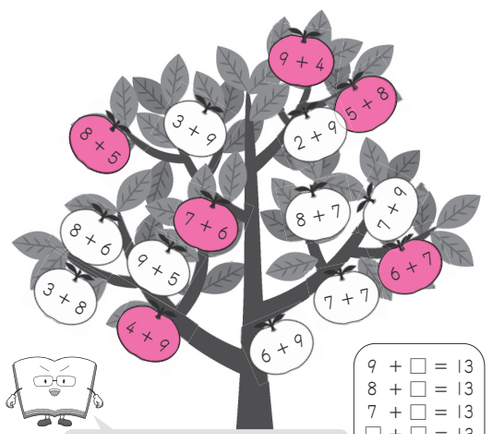
10 - 7 Addition — Find the Formula

Example Colour in the oranges whose answer is 14.



Colour in the oranges whose answer is 13.



There are different types of formula to make 13.
Line up the formula by order and find the rule.

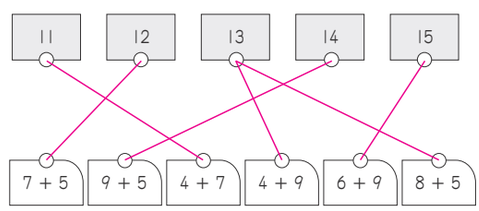
9 + □ = 13
8 + □ = 13
7 + □ = 13
□ + □ = 13
□ + □ = 13

10 - 8 Addition — Review

1 Add two numbers.

1. 2 + 9 = 11
2. 8 + 4 = 12
3. 9 + 6 = 15
4. 3 + 8 = 11
5. 6 + 8 = 14
6. 3 + 9 = 12
7. 5 + 8 = 13
8. 9 + 5 = 14
9. 9 + 3 = 12
10. 6 + 9 = 15

2 Connect the answer and formula with a line.



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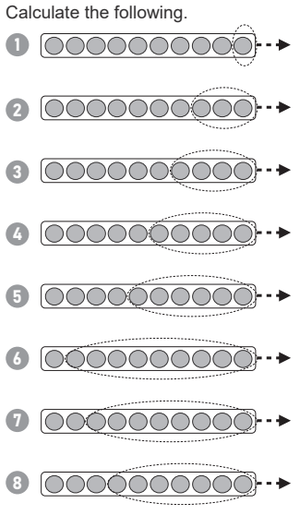
11 - 1 Subtraction — Subtraction (10-?)

Example Calculate 10 − 2.

Move two balls from the left.
The answer is 8.
10 − 2 = 8

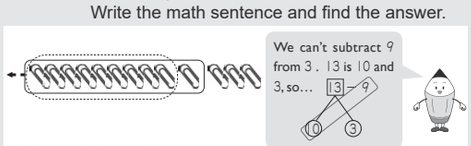
Calculate the following.



1. 10 − 1 = 9
2. 10 − 3 = 7
3. 10 − 4 = 6
4. 10 − 5 = 5
5. 10 − 6 = 4
6. 10 − 9 = 1
7. 10 − 8 = 2
8. 10 − 7 = 3

11 - 2 Subtraction — Subtracting 9 (1)

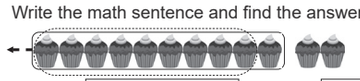
Example There are 13 clips. I used 9 clips.
How many clips are left?
Write the math sentence and find the answer.



Subtract 9 from 10 and get 1. ➡ 1 and 3 make 4. ➡ The answer is 4.

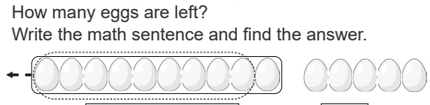
Math sentence 13 − 9 = 4 Answer 4 clips

1 There are 12 cupcakes. Nine of them are eaten.
How many cupcakes are left?
Write the math sentence and find the answer.



Math sentence 12 − 9 = 3 Answer 3 cupcakes

2 There are 15 eggs. My family used 9 of them.
How many eggs are left?
Write the math sentence and find the answer.



Math sentence 15 − 9 = 6 Answer 6 eggs

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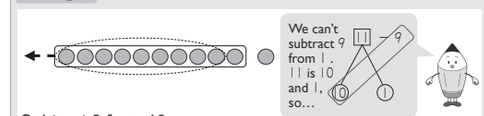
11 - 3 Subtraction
Subtraction 9 (2)

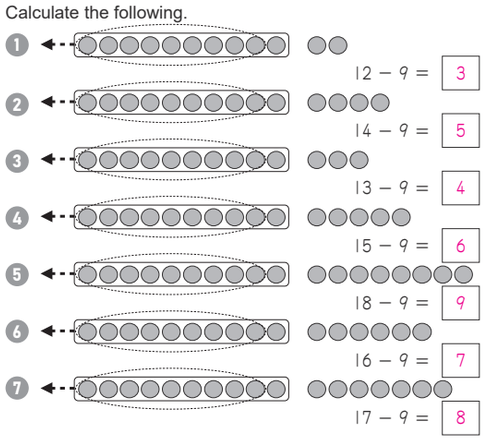
Example Calculate 11 − 9.



Subtract 9 from 10 and get 1. ➡ 1 and 1 make 2. ➡ The answer is 2.

11 − 9 = 2

Calculate the following.



1. 12 − 9 = 3
2. 14 − 9 = 5
3. 13 − 9 = 4
4. 15 − 9 = 6
5. 18 − 9 = 9
6. 16 − 9 = 7
7. 17 − 9 = 8

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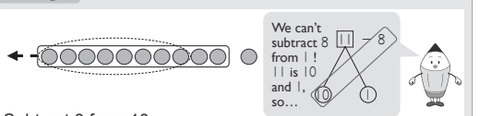
11 - 4 Subtraction
Subtracting 8

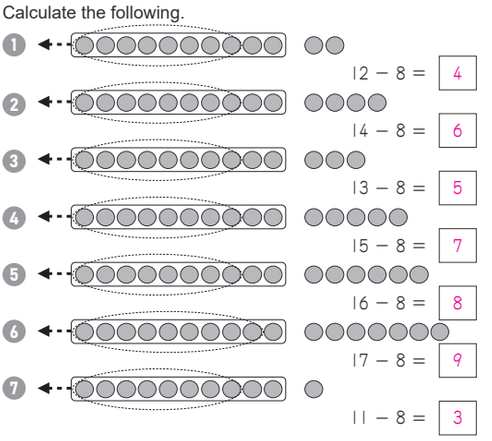
Example Calculate 11 − 8



Subtract 8 from 10 and get 2. ➡ 2 and 1 make 3. ➡ The answer is 3.

11 − 8 = 3

Calculate the following.



1. 12 − 8 = 4
2. 14 − 8 = 6
3. 13 − 8 = 5
4. 15 − 8 = 7
5. 16 − 8 = 8
6. 17 − 8 = 9
7. 11 − 8 = 3

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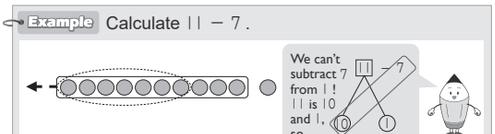
11 - 5 Subtraction
Subtraction 7

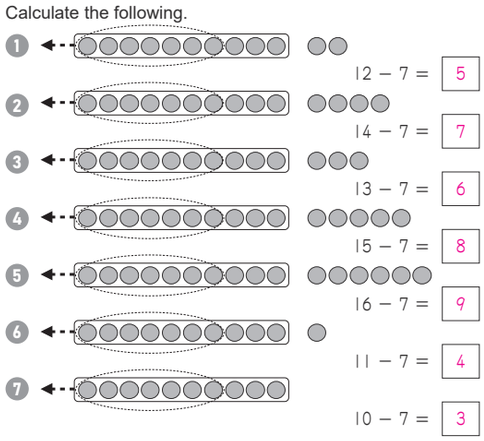
Example Calculate 11 − 7.



Subtract 7 from 10 and get 3. ➡ 3 and 1 make 4. ➡ The answer is 4.

11 − 7 = 4

Calculate the following.



1. 12 − 7 = 5
2. 14 − 7 = 7
3. 13 − 7 = 6
4. 15 − 7 = 8
5. 16 − 7 = 9
6. 11 − 7 = 4
7. 10 − 7 = 3

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11 - 6 Subtraction
Explanation about How to Calculate

Example Write the numbers in the □.

12 − 9

Subtract 9 from 10 and get 1. 1 and 2 make 3.

12 − 9 = 3

We can't subtract 9 from 2! 12 is 10 and 2, so….

Write the numbers in the □.

1. 14 − 9
   Subtract 9 from 10 and get 1. 1 and 4 make 5.
   14 − 9 = 5
2. 13 − 8
   Subtract 8 from 10 and get 2. 2 and 3 make 5.
   13 − 8 = 5
3. 15 − 7
   Subtract 7 from 10 and get 3. 3 and 5 make 8.
   15 − 7 = 8
4. 16 − 9
   Subtract 9 from 10 and get 1. 1 and 6 make 7.
   16 − 9 = 7
5. 17 − 8
   Subtract 8 from 10 and get 2. 2 and 7 make 9.
   17 − 8 = 9

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11 - 7 Subtraction

Subtraction (1)

Example Calculate the following subtraction.

11 − 9 = □ ➡ 11 − 9 = 2

Calculate the following subtractions.

Subtract 9 from 10 and get 1.

1. 12 − 9 = 3
2. 13 − 9 = 4
3. 15 − 9 = 6
4. 14 − 9 = 5
5. 17 − 9 = 8
6. 18 − 9 = 9

Subtract 8 from 10 and get 2.

7. 11 − 8 = 3
8. 12 − 8 = 4
9. 14 − 8 = 6
10. 13 − 8 = 5
11. 15 − 8 = 7
12. 11 − 7 = 4

Subtract 7 from 10 and get 3.

13. 12 − 7 = 5
14. 14 − 7 = 7
15. 13 − 7 = 6
16. 15 − 7 = 8

Subtract 6 from 10 and get 4.

17. 11 − 6 = 5
18. 12 − 6 = 6

11 - 8 Subtraction

Subtraction (2)

Example Calculate the following subtraction.

11 − 2 = □ ➡ 11 − 2 = 9

Calculate the following subtractions.

1. 11 − 3 = 8
2. 11 − 4 = 7
3. 11 − 6 = 5
4. 11 − 5 = 6
5. 11 − 8 = 3
6. 11 − 7 = 4
7. 12 − 3 = 9
8. 12 − 4 = 8
9. 12 − 6 = 6
10. 12 − 5 = 7
11. 13 − 4 = 9
12. 13 − 5 = 8
13. 13 − 7 = 6
14. 13 − 6 = 7
15. 14 − 5 = 9
16. 14 − 6 = 8
17. 14 − 8 = 6
18. 14 − 7 = 7

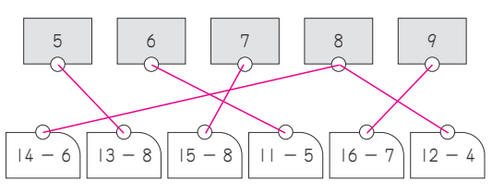
11 - 9 Subtraction

Review

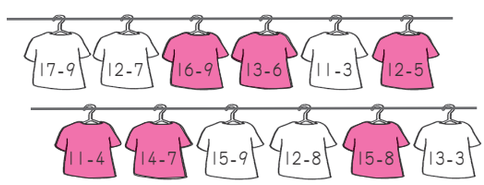
1 Calculate the following subtractions.

1. 15 − 6 = 9
2. 11 − 2 = 9
3. 16 − 8 = 8
4. 12 − 7 = 5
5. 11 − 9 = 2
6. 17 − 8 = 9
7. 16 − 7 = 9
8. 12 − 8 = 4
9. 13 − 8 = 5
10. 14 − 9 = 5
11. 12 − 9 = 3
12. 13 − 4 = 9

2 Connect the answer and formula with a line.

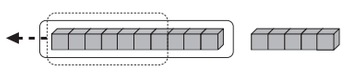


3 Colour in the shirts whose answer is 7.



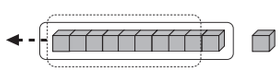
4 Read the following questions. Write the math sentences and find the answers.

1. There are 15 monkeys here. Seven of them ran away. How many monkeys are left?



Math sentence: 15 − 7 = 8 Answer: 8 monkeys

2. There are 11 books in the shop. Nine of them are sold. How many books are left?



Math sentence: 11 − 9 = 2 Answer: 2 books

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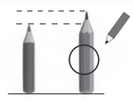
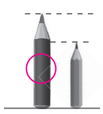
12 - 1 How to Compare (Length)
Which One is Longer? (1)

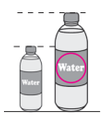
Example Circle the longer one.

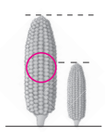


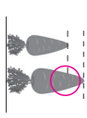
1 Circle the longer one.

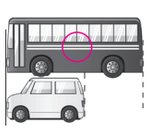
1 

2 

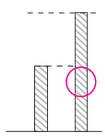
3 

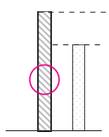
4 

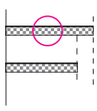
5 

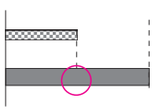
6 

2 Circle the longer one.

1 

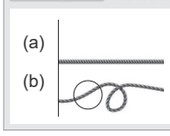
2 

3 

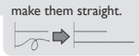
4 

Example 2 Circle the longer one.

(a)
(b)

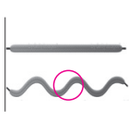


Make sure to align the end of objects and make them straight.

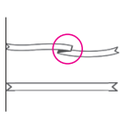


3 Circle the longer one.

1 (a)
(b)



2 (a)
(b)



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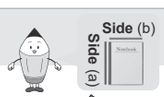
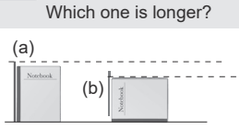
12 - 2 How to Compare (Length)
Which One is Longer? (2)

Example Compare the two **sides**. Which one is longer?



1 (a)
(b)



(a) is longer.

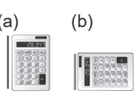
2 (b)
(a)

Side (a)
Side (b)

(b) is longer.

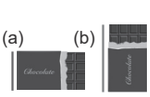
1 Compare the two sides. Which one is longer?

1 (a) (b)



(a) is longer.

2 (a) (b)



(b) is longer.

3 (a)

Side (a)
Side (b)

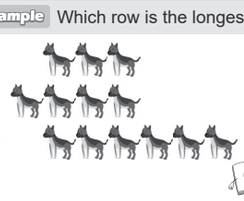
(b) is longer.

(b)

12 - 3 How to Compare (Length)
Which One is Longer? (3)

Example Which row is the longest?

(a)
(b)
(c)



(c) is the longest.

(a) has 3 dogs
(b) has 4 dogs, and…

Which row is the longest?

1

(a)
(b)
(c)

(a) is the longest.

2

(a)
(b)
(c)
(d)

(d) is the longest.

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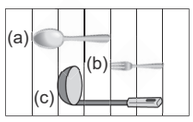
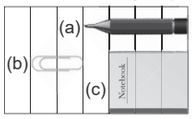
12 - 4 How to Compare (Length)
Which One is Longer? (4)

Example Measure the length by counting the number of scales.



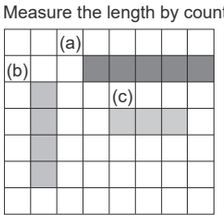
(a) is 3 scales.
(b) is 2 scales.
(c) is 4 scales.
(c) is the longest.

1 Measure the length by counting the number of scales.



(a) is 4 scales.
(b) is 2 scales.
(c) is 3 scales.
(a) is the longest.

2 Measure the length by counting the number of squares.

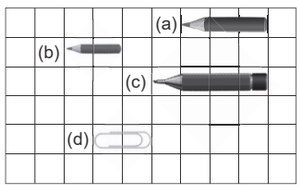


(a) is 5 squares.
(b) is 4 squares.
(c) is 3 squares.
(c) is the shortest.

The opposite word of long is short.

12 - 5 How to Compare (Length)
Which One is Longer? (5)

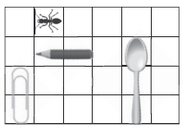
Example Compare the lengths.
How many items are the same length?



2 items.

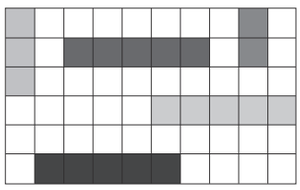
Compare the lengths. How many items are the same length?

1



2 items.

2



3 items.

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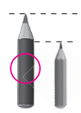
12 - 6 How to Compare (Length)
Review

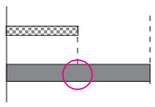
1 Circle the longer one.

1

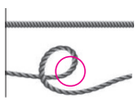


2

3

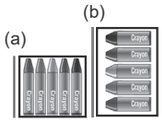


4



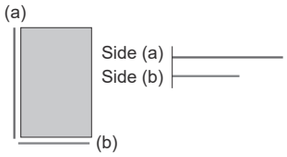
2 Compare the two sides. Which one is longer?

1



(b) is longer.

2



(a) is longer.

3 Which row is the longest?

(a)

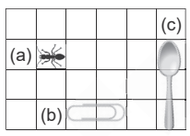
(b)

(c)

(a) is the longest.

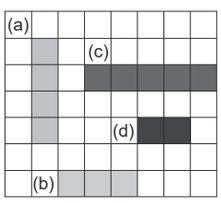
4 Compare the lengths.

1



(b) is longer than (a).
(c) is the longest.

2



(c) is the longest.
(d) is the shortest.
(b) is longer than (d).
(a) is shorter than (c).

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13 - 1 How to Compare (Capacity)
Which is More? (1)

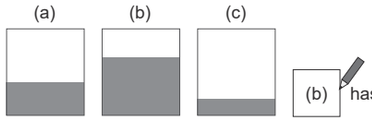
Instruction You can find which container can hold by transferring water.

(a) (b)

The illustration shows that (b) holds much water.

Example There are containers with some water. Which has the most?

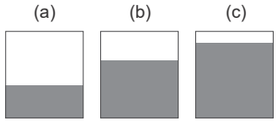
(a) (b) (c)



(b) has the most.

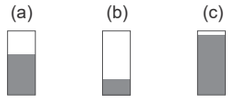
1 There are containers with some water. Which has the most?

❶ (a) (b) (c)



(c) has the most.

❷ (a) (b) (c)



(c) has the most.

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13 - 2 How to Compare (Capacity)
Which is More? (2)

Example How much water can the containers hold? Which container can hold much water?

(a)

It can hold 3 glasses.

(b)

It can hold 2 glasses.

(a) can hold much water.

1 How much water can the containers hold? Which container can hold the most?

(a)

The capacity is 4 glasses.

(b)

The capacity is 8 glasses.

(c)

The capacity is 7 glasses.

(b) can hold the most.

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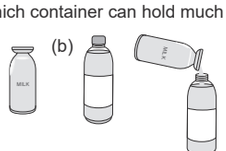
13 - 3 How to Compare (Capacity)
Review

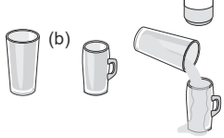
1 Which container can hold much water?

❶ (a) (b)



(b) can hold much.

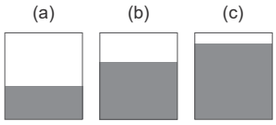
❷ (a) (b)



(a) can hold much.

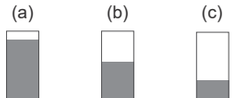
2 There are containers with some water. Which has the most?

❶ (a) (b) (c)



(c) has the most.

❷ (a) (b) (c)



(a) has the most.

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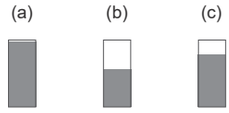
❸ (a) (b) (c)

(b) has the most.

❹ (a) (b) (c)



(a) has the most.

3 How much water can the containers hold? Which container can hold the most?

(a)

The capacity is 4 glasses.

(b)

The capacity is 6 glasses.

(c)

The capacity is 7 glasses.

(c) can hold the most.

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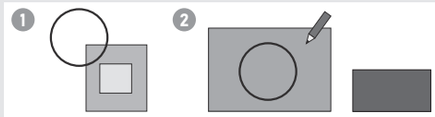
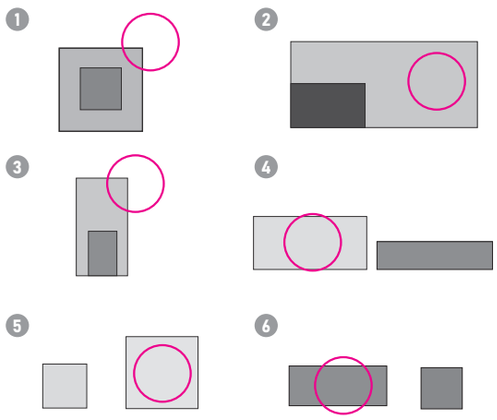
14 - 1 How to Compare (Extent)
Which is Larger? (1)

Example Compare the size of the four-sided shapes.
Circle the larger one.



Compare the size of the four-sided shapes.
Circle the larger one.



14 - 2 How to Compare (Extent)
Which is Larger? (2)

Example 1 Count the number of ■ that fill the shapes.

The number is 6

1 Count the number of ■ that fill the shapes.

①  The number is 9

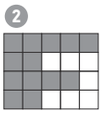
②  The number is 7

Example 2 Count the number of ■ and □.
Which extent is larger? Circle the larger one.

The number of ■ is 2
The number of □ is 4
The extent of ■ / ◯ is larger.

2 Count the number of ■ and □.
Which extent is larger? Circle the larger one.

① 
The number of ■ is 6
The number of □ is 2
The extent of ◯ / □ is larger.

② 
The number of ■ is 13
The number of □ is 7
The extent of ◯ / □ is larger.

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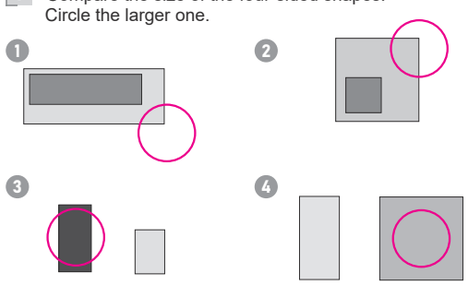
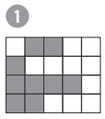
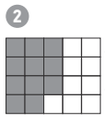
14 - 3 How to Compare (Extent)
Review

1 Compare the size of the four-sided shapes.
Circle the larger one.

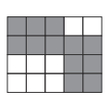
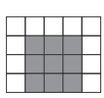


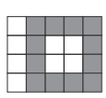
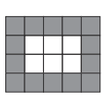
2 Count the number of ■ and □.
Which extent is larger? Circle the larger one.

① 
The number of ■ is 9
The number of □ is 11
The extent of ■ / ◯ is larger.

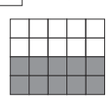
② 
The number of ■ is 11
The number of □ is 9
The extent of ◯ / □ is larger.

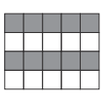
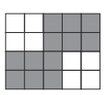
3 Count the number of ■.
Which extent is larger?

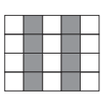
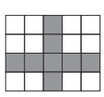
① (a)  (b) 
The extent of (a) is larger.

② (a)  (b) 
The extent of (b) is larger.

4 The right figure has 10 ■.
Which extent is the same as the right?



(a)  (b) 

(c)  (d) 

The extent of (a) is the same.

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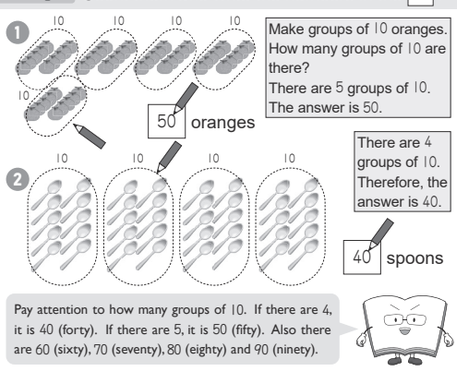
15 - 1 Large Numbers — Numbers Greater than 20 (1)

Example Count them and write the numbers in the ☐.



Pay attention to how many groups of 10. If there are 4, it is 40 (forty). If there are 5, it is 50 (fifty). Also there are 60 (sixty), 70 (seventy), 80 (eighty) and 90 (ninety).

Count them and write the numbers in the ☐.

1  60 hats

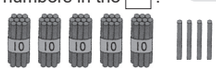
2  80 biscuits

15 - 2 Large Numbers — Numbers Greater than 20 (2)

Example Write the numbers in the ☐.

There are 4 groups of 10 eggs and 3 extra.
Altogether it makes 43. Answer 43 eggs

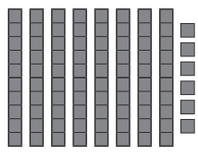
Write the numbers in the ☐.

1 

There are 5 groups of 10 pencils and 4 extra.
Altogether it makes 54. Answer 54 pencils

2 

There are 6 groups of 10 notebooks and 2 extra.
Altogether it makes 62. Answer 62 notebooks

3 

There are 8 groups of 10 blocks and 6 extra.
Altogether it makes 86.
Answer 86

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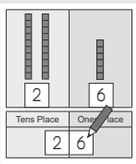
15 - 3 Large Numbers — Numbers Greater than 20 (3)

Example How many blocks are there?
Write the numbers in the ☐.



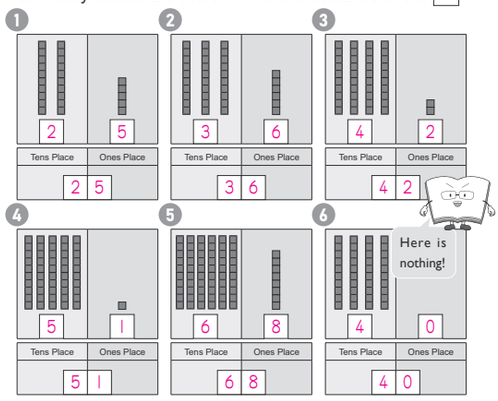
Two groups of 10 make 20. (Two sticks have 20 blocks.)
Write 2 in the tens place.

There are 6 blocks.
Write 6 in the ones place.

20 and 6 make 26.

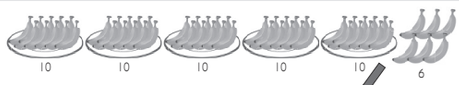
"26" is twenty-six. You can read the number in the tens place first and then the number in the ones place.

How many blocks are there? Write the numbers in the ☐.



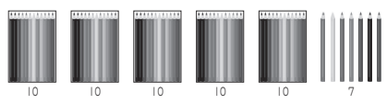
15 - 4 Large Numbers — Numbers Greater than 20 (4)

Example Write the numbers in the ☐.

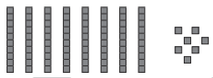


56 has 5 groups of 10 bananas and 6 extra.

Write the numbers in the ☐.

1 

57 has 5 groups of 10 colored pencils and 7 extra.

2 

87 has 8 groups of 10 and 7 extra.

3 95 has 9 groups of 10 and 5 extra.

4 44 has 4 groups of 10 and 4 extra.

5 39 has 3 groups of 10 and 9 extra.

6 50 has 5 groups of 10 and 0 extra.

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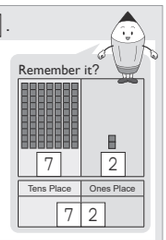
15 - 5 Large Numbers — Numbers Greater than 20 (5)

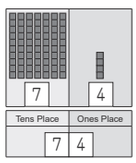
Example Write the numbers in the ☐.

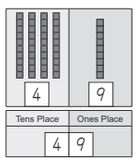
1. 72 shows 7 in the tens place and 2 in the ones place.
2. The number that shows 7 in the tens place and 2 in the ones place is 72.



Write the numbers in the ☐.

1. 74 shows 7 in the tens place and 4 in the ones place.
2. 52 shows 5 in the tens place and 2 in the ones place.
3. 37 shows 3 in the tens place and 7 in the ones place.
4. The number that shows 4 in tens place and 9 in the ones place is 49.
5. The number that shows 6 in tens place and 8 in the ones place is 68.
6. The number that shows 9 in tens place and 3 in the ones place is 93.





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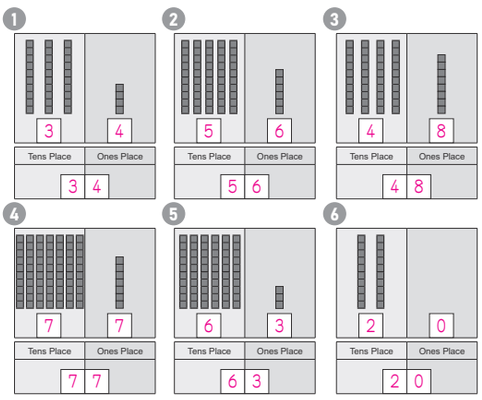
15 - 6 Large Numbers — Review (1)

1 How many blocks are there? Write the numbers in the ☐.



2 Write the numbers in the ☐.

1. 85 shows 8 in the tens place and 5 in the ones place.
2. 96 shows 9 in the tens place and 6 in the ones place.
3. The number that shows 6 in tens place and 6 in the ones place is 66.
4. The number that shows 4 in tens place and 7 in the ones place is 47.

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15 - 7 Large Numbers — Numbers Greater than 99

Example Write the numbers in the ☐.

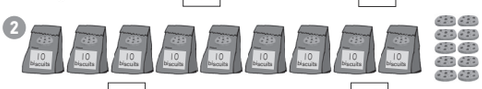
There are 10 groups of 10 eggs.
Altogether it makes 100.
Answer 100 eggs

Write the numbers in the ☐.

1

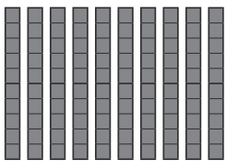
There are 10 groups of 10 notebooks.
Altogether it makes 100.
Answer 100 notebooks

2



There are 9 groups of 10 biscuits and 10 extra.
Altogether it makes 100.
Answer 100 biscuits

3



There are 10 groups of 10 blocks.
Altogether it makes 100.
Answer 100

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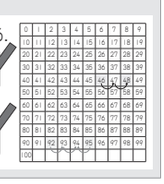
15 - 8 Large Numbers — Arrangement of Numbers (1)

Example Write the numbers in the ☐ by looking at the number chart.

1. The number that is 2 more than 46. 48
2. The number that is 3 less than 95. 92



In the chart, the numbers from 1 to 100 are written in order and 10-19, 20-29 …, and 90-99 are written in the same row.

Write the numbers in the ☐ by looking at the number chart.

1. The number that is 3 more than 46. 49
2. The number that is 8 more than 31. 39
3. The number that is 4 more than 46. 50

4. The number that is 9 more than 31. 40
5. The number that is 10 more than 31. 41
6. The number that is 5 less than 95. 90
7. The number that is 6 less than 95. 89
8. The number that is 10 less than 95. 85

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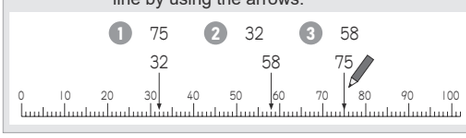
15 - 9 Large Numbers — Arrangement of Numbers (2)

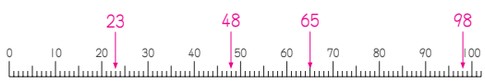
Example 1 Write the following numbers on the number line by using the arrows.

① 75 ② 32 ③ 58

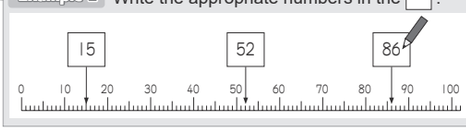


1 Write the following numbers on the number line by using the arrows.

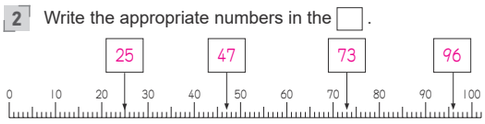
① 65 ② 48 ③ 23 ④ 98



Example 2 Write the appropriate numbers in the ☐.



2 Write the appropriate numbers in the ☐.



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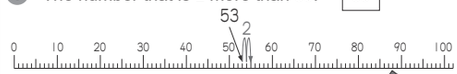
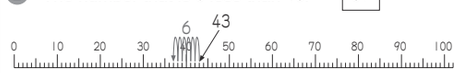
15 - 10 Large Numbers — Arrangement of Numbers (3)

Example Write the numbers in the ☐ by looking at the number line.

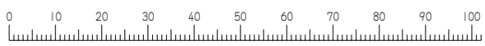
① The number that is 2 more than 53. 55



② The number that is 6 less than 43. 37



Write the numbers in the ☐ by looking at the number line.



① The number that is 3 more than 55. 58

② The number that is 8 more than 73. 81

③ The number that is 4 more than 66. 70

④ The number that is 5 less than 27. 22

⑤ The number that is 8 less than 38. 30

⑥ The number that is 7 less than 45. 38

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15 - 11 Large Numbers — Arrangement of Numbers (4)

Example Circle the larger number.

① (50) 47 ② 76 (82)

1 Circle the larger number.

① (60) 57 ② 66 (72)

③ (40) 29 ④ (97) 79

⑤ 23 (32) ⑥ 45 (54)

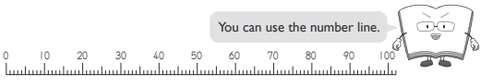
2 Circle the smaller numbers.

① (59) 95 ② (46) 64

③ (55) 66 ④ 88 (77)

⑤ 30 (29) ⑥ 70 (69)

You can use the number line.



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15 - 12 Large Numbers — Arrangement of Numbers (5)

Example Count and write the numbers in the ☐.

① 95 96 97 98 99 100

② 100 90 80 70 60 50 40

Think about how many decrease?

Count and write the numbers in the ☐.

① 65 66 67 68 69 70

② 35 36 37 38 39 40

③ 80 81 82 83 84 85

④ 50 60 70 80 90 100

⑤ 44 45 46 47 48 49 50

⑥ 5 10 15 20 25 30 35

⑦ 100 99 98 97 96 95 94

⑧ 85 75 65 55 45 35 25

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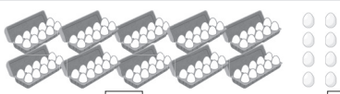
15 - 13 Large Numbers — Numbers Greater than 100 (1)

Example Count the numbers and write them in the □.

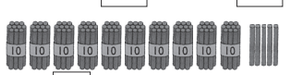


There are 10 groups of 10 eggs and 8 extra.
100 and 8 make 108.
Answer 108 eggs

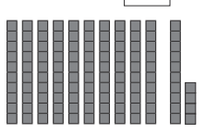
Count the numbers and write them in the □.

1 

There are 10 groups of 10 biscuits and 7 extra.
100 and 7 make 107. Answer 107 biscuits

2 

There are 10 groups of 10 pencils and 5 extra.
100 and 5 make 105. Answer 105 pencils

3 

There are 10 groups of 10 blocks and 14 extra.
100 and 14 make 114.

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15 - 14 Large Numbers — Numbers Greater than 100 (2)

Example Count and write the numbers in the □.

1 98 — 99 — 100 — 101 — 102 — 103

2 109 has 100 and 9.

Count and write the numbers in the □.

1 99 — 100 — 101 — 102 — 103 — 104

2 108 — 109 — 110 — 111 — 112 — 113

3 118 — 119 — 120 — 121 — 122 — 123 — 124

4 110 — 111 — 112 — 113 — 114 — 115 — 116

5 130 — 129 — 128 — 127 — 126 — 125 — 124

6 107 has 100 and 7.

7 111 has 100 and 11.

8 125 has 100 and 25.

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15 - 15 Large Numbers — Review (2)

1 Write the numbers in the □.

1 The number that is 9 more than 21. 30
2 The number that is 8 more than 32. 40
3 The number that is 5 more than 95. 100
4 The number that is 7 less than 56. 49
5 The number that is 6 less than 85. 79

2 Circle the larger number.

1 (80) 60
2 36 (63)
3 50 (61)
4 (82) 28
5 19 (91)
6 33 (55)

3 Count and write the numbers in the □.

1 99 — 100 — 101 — 102 — 103 — 104

2 119 — 118 — 117 — 116 — 115 — 114

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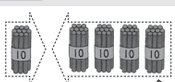
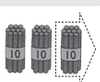
15 - 16 Large Numbers — Addition and Subtraction (1)

Example Solve these addition and subtraction problems.



1 10 + 40 = 50
There are bundles of 10 pencils.There are 1 bundle and 4 bundles.



2 30 − 10 = 20
There are bundles of 10 pencils.Subtract 1 bundle from 3 bundles.

Solve these addition and subtraction problems.

1 30 + 20 = 50
2 30 − 20 = 10
3 50 + 30 = 80
4 50 − 30 = 20
5 60 + 10 = 70
6 60 − 10 = 50
7 80 + 20 = 100
8 80 − 20 = 60
9 50 + 50 = 100
10 100 − 60 = 40

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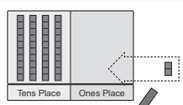
15 - 17 Large Numbers — Addition and Subtraction (2)

Example Solve these addition and subtraction problems.



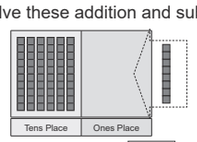
1 40 + 2 = 42

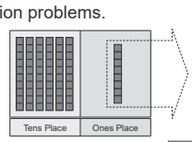
40 is 40 and 0.
When 2 is added to 0 in the ones place, it is 2.

2 42 − 2 = 40

42 is 40 and 2.
When 2 is subtracted from 2 in the ones place, it is 0.

Solve these addition and subtraction problems.





1. 60 + 8 = 68
2. 68 − 8 = 60
3. 50 + 3 = 53
4. 53 − 3 = 50
5. 40 + 2 = 42
6. 42 − 2 = 40
7. 80 + 4 = 84
8. 84 − 4 = 80
9. 70 + 9 = 79
10. 79 − 9 = 70

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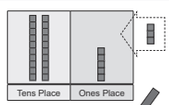
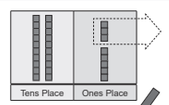
15 - 18 Large Numbers — Addition and Subtraction (3)

Example Solve these addition and subtraction problems.



1 25 + 3 = 28

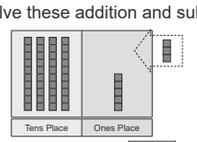
25 is 20 and 5.
When 3 is added to 5, it is 8.

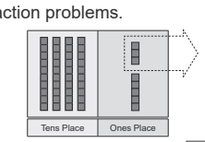


2 28 − 3 = 25

28 is 20 and 8.
When 3 is subtracted from 8, it is 5.

Solve these addition and subtraction problems.





1. 45 + 3 = 48
2. 48 − 3 = 45
3. 23 + 4 = 27
4. 27 − 4 = 23
5. 65 + 3 = 68
6. 68 − 3 = 65
7. 53 + 4 = 57
8. 57 − 4 = 53
9. 82 + 7 = 89
10. 89 − 7 = 82

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15 - 19 Large Numbers — Review (3)

1 Solve these addition problems.

1. 10 + 30 = 40
2. 30 + 50 = 80
3. 20 + 80 = 100
4. 40 + 20 = 60
5. 40 + 6 = 46
6. 50 + 6 = 56
7. 20 + 9 = 29
8. 90 + 3 = 93
9. 25 + 3 = 28
10. 74 + 3 = 77

2 Solve these subtraction problems.

1. 70 − 30 = 40
2. 90 − 40 = 50
3. 100 − 30 = 70
4. 100 − 70 = 30
5. 82 − 2 = 80
6. 77 − 7 = 70
7. 53 − 3 = 50
8. 34 − 4 = 30
9. 39 − 4 = 35
10. 68 − 4 = 64

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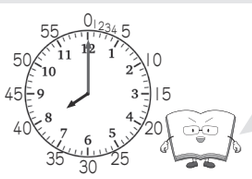
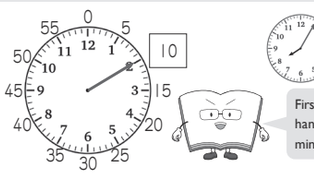
16 - 1 What Time is It (Hours and Minutes)? — How to Read the Time (1)

Instruction



- The long hand shows the minutes.
- One small line shows one minute. There are 60 lines.
- When the long hand is on 6, it is thirty minutes and it means half past ☐ o'clock.

Example 1 Read the minutes. 2 Read the time.



1 Read the minutes.

1.  20
2.  30

2 Read the time.

1.  It is 9 : 15
2.  It is 10 : 55

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16 - 2 What Time is It (Hours and Minutes) ?
How to Read the Time (2)

Example 1 Read the time.

① It is 11 : 04 ② It is 12 : 29

1 Read the time.

① It is 11 : 06 ② It is 12 : 30
③ It is 1 : 27 ④ It is 3 : 15
⑤ It is 5 : 44 ⑥ It is 2 : 32

2 Match the clocks with the correct time.

7 : 37 4 : 25 1 : 30

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16 - 3 What Time is It (Hours and Minutes) ?
Review

1 Read the minutes.

① 20 ② 45

2 Read the time.

① It is 11 : 06 ② It is 1 : 30
③ It is 7 : 37 ④ It is 2 : 45

3 Match the clocks with the correct time.

1 : 27 4 : 25 5 : 30

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17 - 1 Ordinal Numbers
First to Fifth

Example 1 Circle the second car from the **front.**

First Second Third Fourth Fifth

1 Circle the third rabbit from the **front**.

2 Circle the first bus from the **front**.

3 Circle the fifth chicken from the **front**.

Example 2 Circle the second helicopter from the **back**.

Fifth Fourth Third Second First

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4 Circle the second dog from the **back**.

5 Circle the fourth truck from the **back**.

Example 3
Circle the second bear from the **top**.

First Second Third Fourth Fifth

Example 4
Circle the second ballon from the **bottom**.

Fifth Fourth Third Second First

6 Circle the third airplane from the **top**.

7 Circle the fourth book from the **bottom**.

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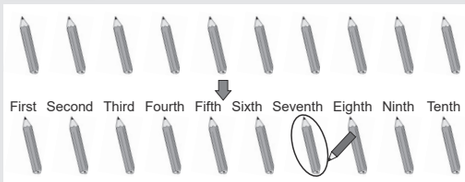
17 - 2 Ordinal Numbers — Sixth to Tenth

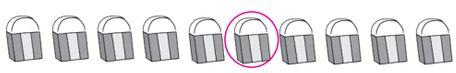
Example 1 Circle the seventh pencil from the **left**.



1 Circle the seventh ice cream cone from the **left**.

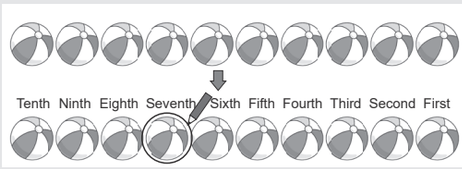
2 Circle the nineth tree from the **left**.

3 Circle the sixth eraser from the **left**.

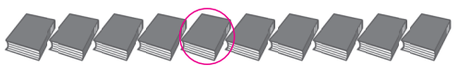


4 Circle the eighth house from the **left**.

Example 2 Circle the seventh ball from the **right**.



5 Circle the sixth book from the **right**.

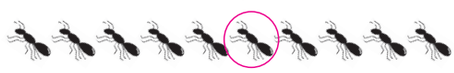


6 Circle the ninth butterfly from the **right**.

7 Circle the eighth train from the **right**.

8 Circle the seventh yacht from the **right**.

9 Circle the fifth ant from the **right**.



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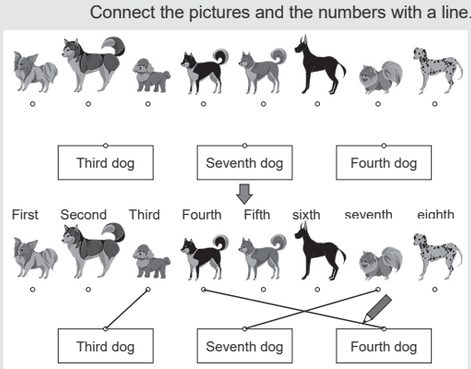
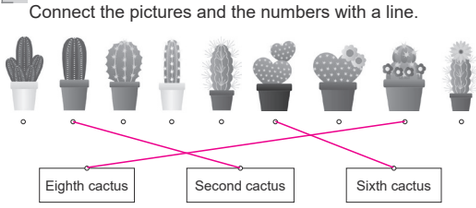
17 - 3 Ordinal Numbers — Ordinal Numbers to Tenth

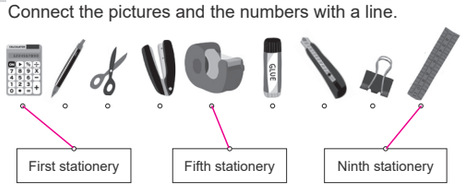
Example Dogs are lined up. Count them from the **front**. Connect the pictures and the numbers with a line.



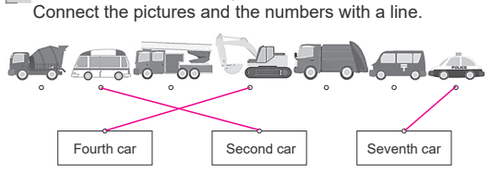
1 Cactus plants are lined up. Count them from the **left**. Connect the pictures and the numbers with a line.



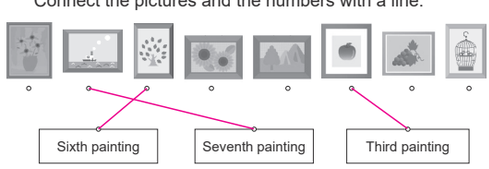
2 Stationery is lined up. Count them from the **left**. Connect the pictures and the numbers with a line.



3 Various cars are lined up. Count them from the **front**. Connect the pictures and the numbers with a line.



4 The paintings are displayed. Count them from the **right**. Connect the pictures and the numbers with a line.



17 - 4 Ordinal Numbers
Ordinal Numbers and How Many (1)

Example

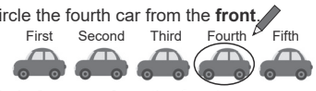
1 Cars are lined up in a row.

1 Circle the fourth car from the **front.**

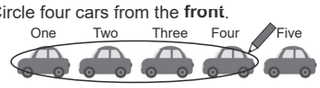
2 Circle four cars from the **front.**

1 Cars are lined up in a row.

1 Circle the fourth car from the **front.**

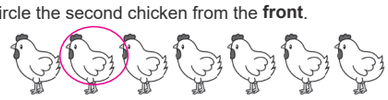


2 Circle four cars from the **front.**



1 Chickens are lined up in a row.

1 Circle the second chicken from the **front.**



2 Circle two chickens from the **front.**

2 Buses are lined up in a row.

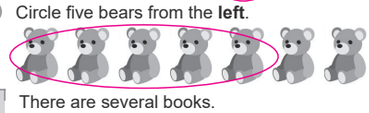
1 Circle the third bus from the **back.**

2 Circle three buses from the **back.**

3 Bears are lined up in a row.

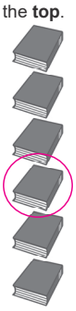
1 Circle the fifth bear from the **left.**

2 Circle five bears from the **left.**

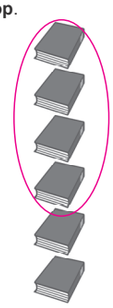


4 There are several books.

1 Circle the fourth book from the **top.**



2 Circle the four books from the **top.**



17 - 5 Ordinal Numbers
Ordinal Numbers and How Many (2)

1 The houses are built in a row.

1 Circle the sixth house from the **left.**

2 Circle six houses from the **left.**

2 The butterflies are flying in a row.

1 Circle the ninth butterflies from the **left.**

2 Circle the nine butterflies from the **left.**

3 The trees are planted in a row.

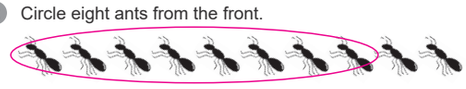
1 Circle the seventh tree from the **left.**

2 Circle seven trees from the **left.**

4 Ants are marching in a row.

1 Circle the eighth ant from the **front.**

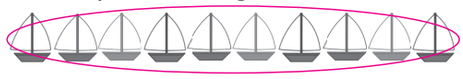
2 Circle eight ants from the front.



5 Yachts are sailing in a row.

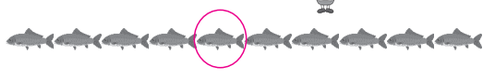
1 Circle the tenth yacht from the **right.**

2 Circle ten yachts from the **right.**



6 Fish are swimming in a row.

1 Circle the sixth fish from the **back.**



2 Circle six fish from the **back.**

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17 - 6 Ordinal Numbers Review

1 Various fruits are lined up in a row.

1. Count them from the left. Circle the fifth fruit.

2. Count them from the right. Circle the sixth fruit.

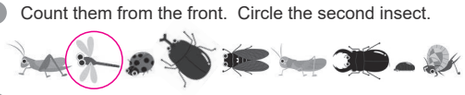
2 Various cupcakes are lined up.

1. Count them from the left. Circle the fourth cupcake.

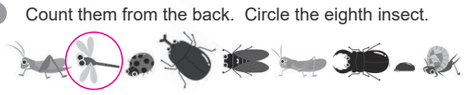
2. Count them from the right. Circle the third cupcake.

3 Various insects are lined up.

1. Count them from the front. Circle the second insect.

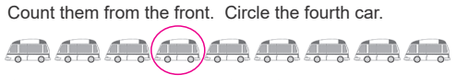


2. Count them from the back. Circle the eighth insect.

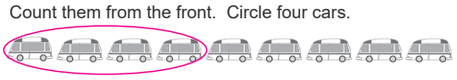


4 There are cars in a row.

1. Count them from the front. Circle the fourth car.



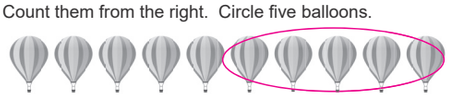
2. Count them from the front. Circle four cars.



5 Balloons are flying in a row.

1. Count them from the right. Circle the fifth balloon.

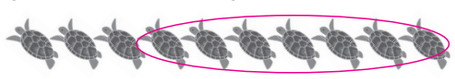
2. Count them from the right. Circle five balloons.



6 Turtles are lined up in a row.

1. Count them from the back. Circle the seventh turtle.

2. Count them from the back. Circle seven turtles.



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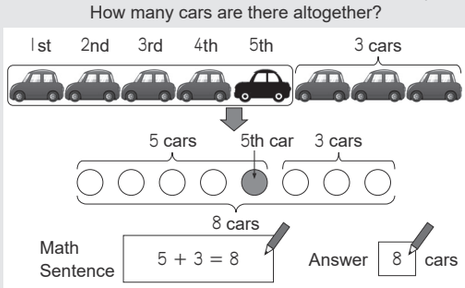
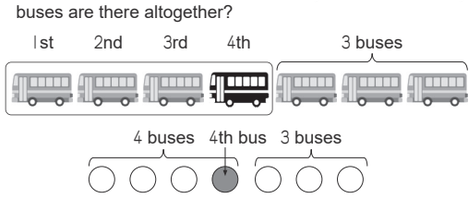
18 - 1 Let's Use Diagrams Calculations Including the Ordinal Number (1)

Example There are cars lined up. My car is the 5th car from the front. There are 3 cars behind my car. How many cars are there altogether?



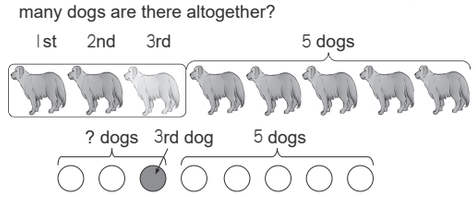
Math Sentence: 5 + 3 = 8 Answer: 8 cars

1 There are buses lined up. My bus is the 4th from the front. There are 3 buses behind my bus. How many buses are there altogether?



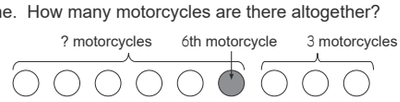
Math Sentence: 4 + 3 = 7 Answer: 7 buses

2 There are dogs lined up in a row. My dog is the 3rd from the front. There are 5 dogs behind my dog. How many dogs are there altogether?



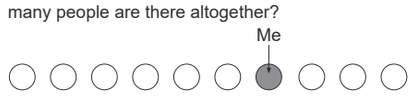
Math Sentence: 3 + 5 = 8 Answer: 8 dogs

3 There are motorcycles lined up in a row. My motorcycle is the 6th from the front. There are 3 motorcycles behind mine. How many motorcycles are there altogether?



Math Sentence: 6 + 3 = 9 Answer: 9 motorcycles

4 People are lined up in a row. I am the 7th person in line from the front. There are 3 people behind me. How many people are there altogether?



Math Sentence: 7 + 3 = 10 Answer: 10 people

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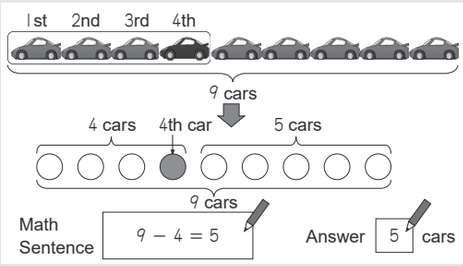
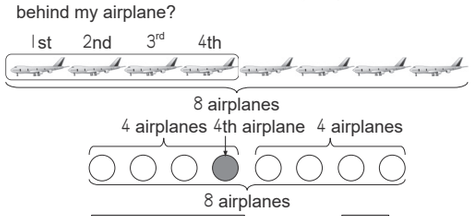
18 - 2 Let's Use Diagrams
Calculations Including the Ordinal Number (2)

Example There are 9 cars lined up in a row. My cars is the 4th from the front. How many cars are there behind my car?



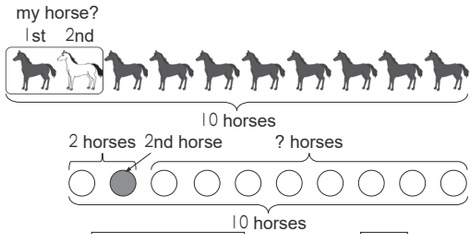
Math Sentence: $9 - 4 = 5$ Answer: 5 cars

1 There are 8 airplanes lined up in a row. My airplane is the 4th from the front. How many airplanes are there behind my airplane?



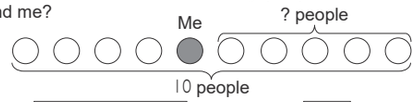
Math Sentence: $8 - 4 = 4$ Answer: 4 airplanes

2 There are 10 horses lined up in a row. My horse is the 2nd from the front. How many horses are there behind my horse?



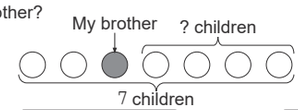
Math Sentence: $10 - 2 = 8$ Answer: 8 horses

3 There are 10 people lined up in a row. I am the 5th person from the front. How many people are there behind me?



Math Sentence: $10 - 5 = 5$ Answer: 5 people

4 There are 7 children lined up in a row. My brother is the 3rd from the front. How many children are there behind my brother?



Math Sentence: $7 - 3 = 4$ Answer: 4 children

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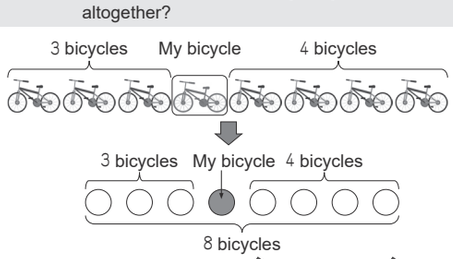
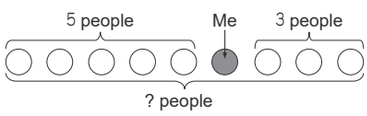
18 - 3 Let's Use Diagrams
Calculations Including the Ordinal Number (3)

Example There are bicycles lined up in a row. There are 3 bicycles in front of mine. There are 4 bicycles behind mine. How many bicycles are there altogether?



Math Sentence: $3 + 4 + 1 = 8$ Answer: 8 bicycles

1 People are lined up in a row. There are 5 people in front of me. There are 3 people behind me. How many people are there altogether?



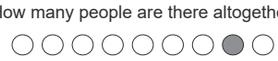
Math Sentence: $5 + 3 + 1 = 9$ Answer: 9 people

18 - 4 Let's Use Diagrams
Review (1)

1 There are trucks lined up. My father's truck is the 2nd from the front. There are 6 trucks behind my father's. How many trucks are there altogether?

Math Sentence: $2 + 6 = 8$ Answer: 8 trucks

2 There are people lined up in a row. My mother is the 8th person from the front. There is 1 person behind my mother. How many people are there altogether?



Math Sentence: $8 + 1 = 9$ Answer: 9 people

3 There are 6 girls lined up in a row. My sister is the 2nd from the front. How many girls are there behind my sister?

Math Sentence: $6 - 2 = 4$ Answer: 4 girls

4 There are cars lined up in a row. There are 4 cars in front of mine. There are 3 cars behind mine. How many cars are there altogether?

Math Sentence: $4 + 3 + 1 = 8$ Answer: 8 cars

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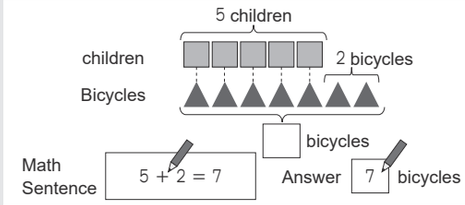
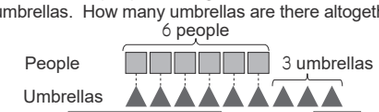
18 - 5 Let's Use Diagrams
Calculations to Think about the Difference (1)

Example There are 5 children riding bicycles. There are 2 more bicycles. How many bicycles are there altogether?



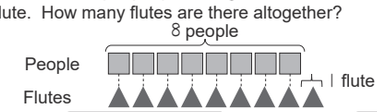
Math Sentence: 5 + 2 = 7 Answer: 7 bicycles

1 There are 6 people holding umbrellas. There are 3 more umbrellas. How many umbrellas are there altogether?



Math Sentence: 6 + 3 = 9 Answer: 9 umbrellas

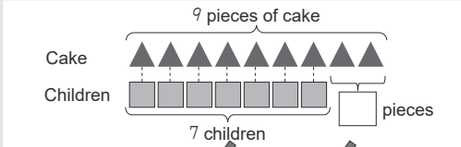
2 There are 8 people practicing the flute. There is 1 more flute. How many flutes are there altogether?



Math Sentence: 8 + 1 = 9 Answer: 1 flute

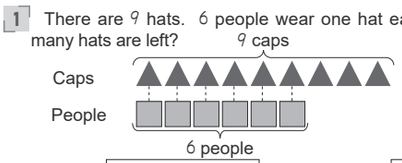
18 - 6 Let's Use Diagrams
Calculations to Think about the Difference (2)

Example There are 9 pieces of cake. 7 children ate 1 piece each. How many pieces are left?



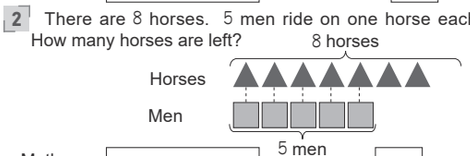
Math Sentence: 9 − 7 = 2 Answer: 2 pieces of cake

1 There are 9 hats. 6 people wear one hat each. How many hats are left?



Math Sentence: 9 − 6 = 3 Answer: 3 caps

2 There are 8 horses. 5 men ride on one horse each. How many horses are left?



Math Sentence: 8 − 5 = 3 Answer: 3 horses

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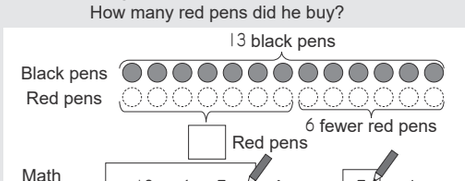
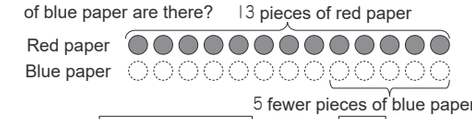
18 - 7 Let's Use Diagrams
Calculations to Think about the Difference (3)

Example My brother bought 13 black pens. Then he bought 6 fewer red pens than black pens. How many red pens did he buy?



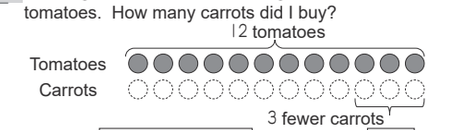
Math Sentence: 13 − 6 = 7 Answer: 7 red pens

1 There are 13 pieces of red paper. There are 5 fewer pieces of blue paper than red paper. How many pieces of blue paper are there?



Math Sentence: 13 − 5 = 8 Answer: 8 pieces of blue paper

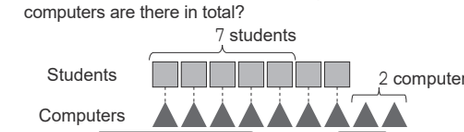
2 I bought 12 tomatoes. I bought 3 fewer carrots than tomatoes. How many carrots did I buy?



Math Sentence: 12 − 3 = 9 Answer: 9 carrots

18 - 8 Let's Use Diagrams
Review (2)

1 There are 7 students using one computer each in the classroom. There are 2 extra computers. How many computers are there in total?

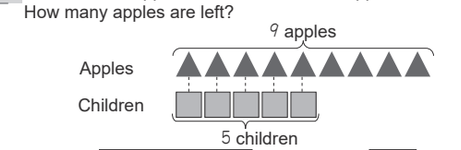


Math Sentence: 7 + 2 = 9 Answer: 9 computers

2 There are 10 children eating one donut each. There are 3 extra donuts. How many donuts are there in total?

Math Sentence: 10 + 3 = 13 Answer: 13 donuts

3 There are 9 apples. 5 children ate one apple each. How many apples are left?



Math Sentence: 9 − 5 = 4 Answer: 4 apples

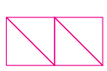
4 I bought 9 notebooks. I bought 2 fewer books than notebooks. How many books did I buy?

Math Sentence: 9 − 2 = 7 Answer: 7 books

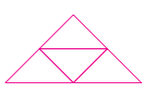
19 - 1 Making Shapes
Making Various Shapes

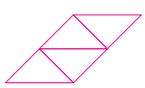
Example Make the shapes below using 4 pieces of .

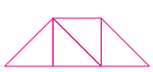
Make the shapes below using 4 pieces of .

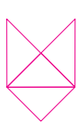
1 

2 

3 

4 

5 

6 

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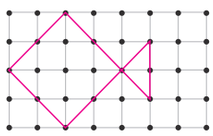
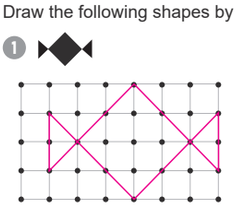
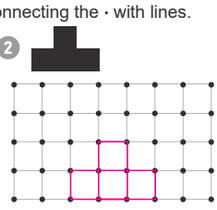
19 - 2 Making Shapes
Drawing Various Shapes

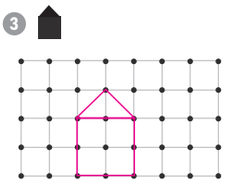
Example Draw the shape by connecting the • with lines.

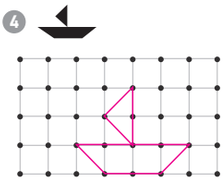


Draw the following shapes by connecting the · with lines.

1 

2 

3 

4 

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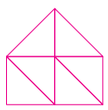
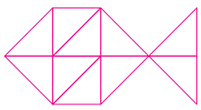
19 - 3 Making Shapes
Review

1 Make the shapes below using some pieces of .

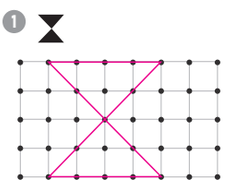
1 6 pieces

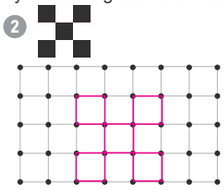


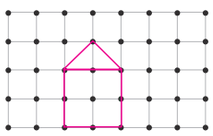
2 10 pieces

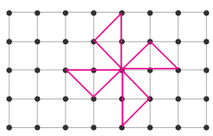


2 Draw the following shapes by connecting the · with lines.

1 

2 

3 

4 

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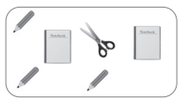
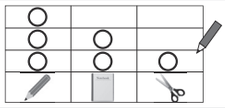
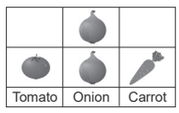
20 - 1 How to Express Quantity
Let's Express Quantity with Drawings

Example 1 Find out how many of each stationery you have. Tally the number of stationery on the graph using a ◯.





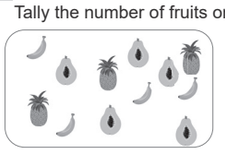
Example 2 Find out how many of each ingredient you have.

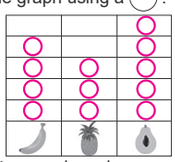


1 How many tomato do you have? I have 1 tomato.

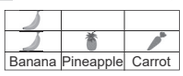
2 Which items do you have the most of? Onion are the most.

1 Find out how many of each fruit you have. Tally the number of fruits on the graph using a ◯.





2 Find out how many of each item are in a shop.



How many bananas do you have? I have 2 banana.

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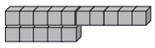
Number & Operation

Entire Grade-1 Review (1)

1 Write the numbers in the □.

1  There are 7 blocks.

2  There are 15 blocks.

3 In the number 48, there are 4 groups of 10 and 8 ones.

4 In the number 62, there are 6 groups of 10 and 2 extra.

5 The number that is ten groups of 10 is 100.

6 The number 75 shows 7 in the tens place and 5 in the ones place.

2 Write the numbers in the □.

1	65	66	67	68	69	70	71
2	35	36	37	38	39	40	41
3	94	95	96	97	98	99	100
4	50	60	70	80	90	100	110

3 Calculate the following.

1 5 + 3 = 8	2 10 + 5 = 15	3 8 + 5 = 13
4 40 + 9 = 49	5 12 + 4 = 16	6 20 + 50 = 70
7 6 − 5 = 1	8 17 − 2 = 15	9 10 − 7 = 3
10 12 − 8 = 4	11 79 − 9 = 70	12 100 − 60 = 40

4 Answer the following questions. Write the math sentences and find the answers.

1 I have 6 biscuits and my sister has 5 biscuits. How many biscuits do we have altogether?
Math sentence 6 + 5 = 11 Answer 11 biscuits

2 There are 12 eggs. My family used 9 of them. How many eggs are left?
Math sentence 12 − 9 = 3 Answer 3 eggs

3 There are 15 children here. Among 15 children, 7 of them are boys. How many girls are there?
Math sentence 15 − 7 = 8 Answer 8 girls

4 There are people lined up in a row. My father is the 5th person from the front. There are 9 people behind him. How many people are there altogether?
Math sentence 5 + 9 = 14 Answer 14 people

Drawing a diagram makes it easier for you. Then count how many people are there in front of "my father".

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Geometry

Entire Grade-1 Review (2)

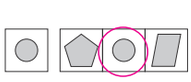
1 Sort out the following shapes to the same categories.

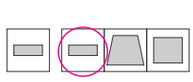
(a)  (b)  (c)  (d) 

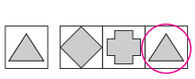
(e)  (f)  (g)  (h) 

(f) and (h) are □ family.
(b) and (g) are □ family.
(a) and (c) are ○ family.
(d) and (e) are △ family.

2 Circle the same shape.

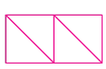
1 

2 

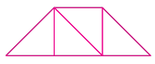
3 

4 

3 Make different shapes using 4 pieces of  .

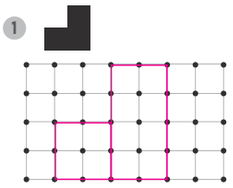
1 

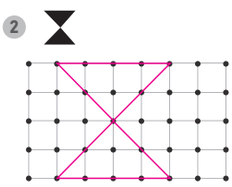
2 

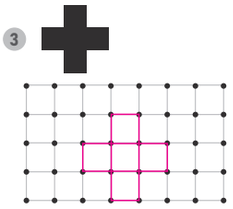
3 

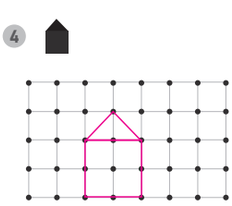
4 

4 Draw the following shapes by connecting the • with lines.

1 

2 

3 

4 

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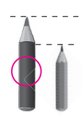
Measurement

Entire Grade-1 Review (3)

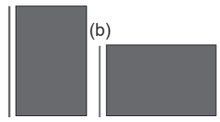
1 Circle the longer one.

1 

2 

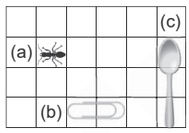
2 Compare the two sides. Which one is longer?

(a)



(a) is longer.

3 Compare the lengths.



(b) is shorter than (c) .

(a) is the shortest.

4 There are containers with some water.
Which has the most?

(a) (b) (c)

(b) has the most.

5 Compare the size of the four-sided shapes.
Circle the larger one.

6 Read the time.

1  9 o'clock

2  10 o'clock

3  Half past 6 o'clock

4  Half past 11 o'clock

5  It is 9 : 15

6  It is 10 : 55

7  It is 5 : 44

8  It is 2 : 32

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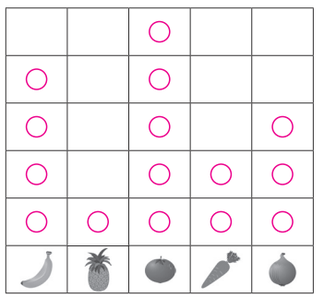
Data Utilization

Entire Grade-1 Review (4)

1 Find out how many of each fruit and vegetable you have.

1 Tally them on the graph using a ◯ .



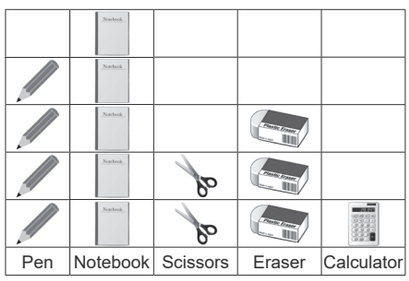
2 How many onions are there?

There are 3 onions.

3 Which items are there the most of?

Tomatoes are the most.

2 Find out how many of each item are in a shop.



Pen	Notebook	Scissors	Eraser	Calculator

1 How many erasers are there?

There are 3 erasers.

2 Which items are there the most of?

Notebooks are the most.

3 Which items are there the least of?

Calculator is the least.

4 How many more notebooks are there than pen?

1 notebook.

APPENDIX: Addition and Subtraction Problems

Practice the following addition problems.

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

Practice the following addition problems.

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

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Practice the following subtraction problems.

2 − 1	3 − 1	4 − 1	5 − 1	6 − 1	7 − 1	8 − 1	9 − 1	10 − 1
	3 − 2	4 − 2	5 − 2	6 − 2	7 − 2	8 − 2	9 − 2	10 − 2
		4 − 3	5 − 3	6 − 3	7 − 3	8 − 3	9 − 3	10 − 3
			5 − 4	6 − 4	7 − 4	8 − 4	9 − 4	10 − 4
				6 − 5	7 − 5	8 − 5	9 − 5	10 − 5
					7 − 6	8 − 6	9 − 6	10 − 6
						8 − 7	9 − 7	10 − 7
							9 − 8	10 − 8
								10 − 9

Practice the following subtraction problems.

11 − 2								
11 − 3	12 − 3							
11 − 4	12 − 4	13 − 4						
11 − 5	12 − 5	13 − 5	14 − 5					
11 − 6	12 − 6	13 − 6	14 − 6	15 − 6				
11 − 7	12 − 7	13 − 7	14 − 7	15 − 7	16 − 7			
11 − 8	12 − 8	13 − 8	14 − 8	15 − 8	16 − 8	17 − 8		
11 − 9	12 − 9	13 − 9	14 − 9	15 − 9	16 − 9	17 − 9	18 − 9	

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