

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?

1st 2nd 3rd 4th 5th 3 cars

5 cars 5th car 3 cars

8 cars

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?

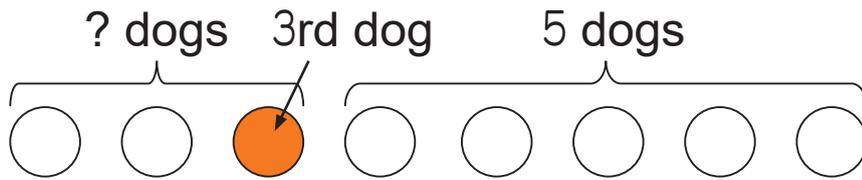
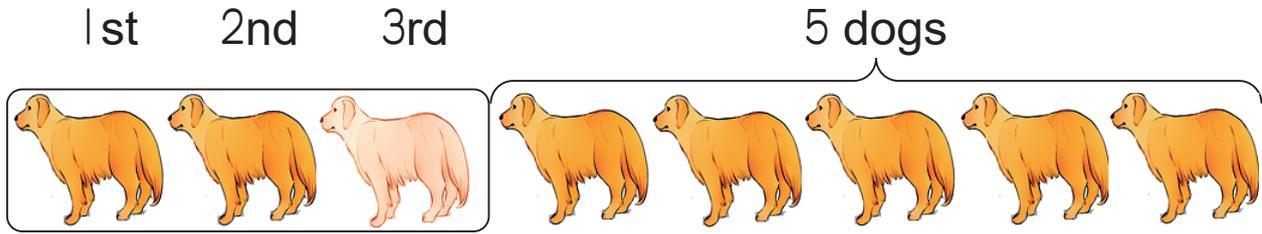
1st 2nd 3rd 4th 3 buses

4 buses 4th bus 3 buses

Math Sentence

Answer buses

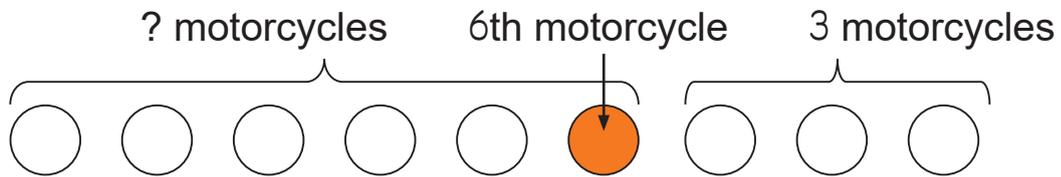
2 There are dogs lined up in a row. My dog is the 3rd from the front. There are 5 dogs behind my dog. How many dogs are there altogether?



Math
Sentence

Answer dogs

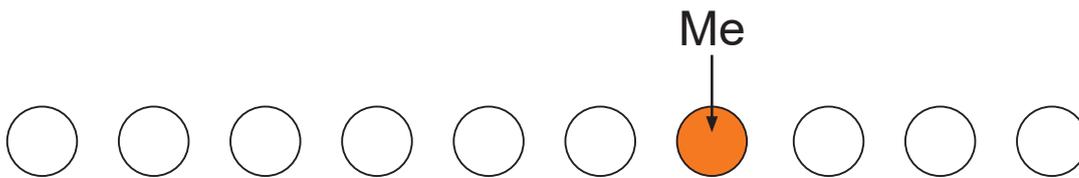
3 There are motorcycles lined up in a row. My motorcycle is the 6th from the front. There are 3 motorcycles behind mine. How many motorcycles are there altogether?



Math
Sentence

Answer 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

Answer people

18-2

Let's Use Diagrams

Calculations Including the Ordinal Number (2)

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

1st 2nd 3rd 4th

4 cars 4th car 5 cars

9 cars

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?

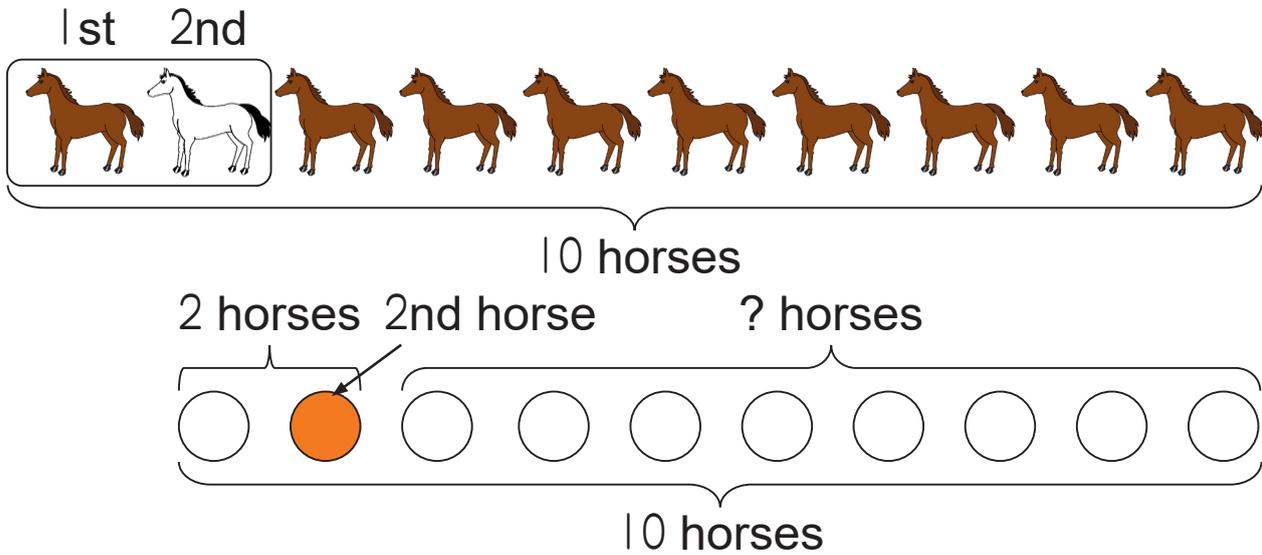
1st 2nd 3rd 4th

4 airplanes 4th airplane 4 airplanes

8 airplanes

Math Sentence Answer airplanes

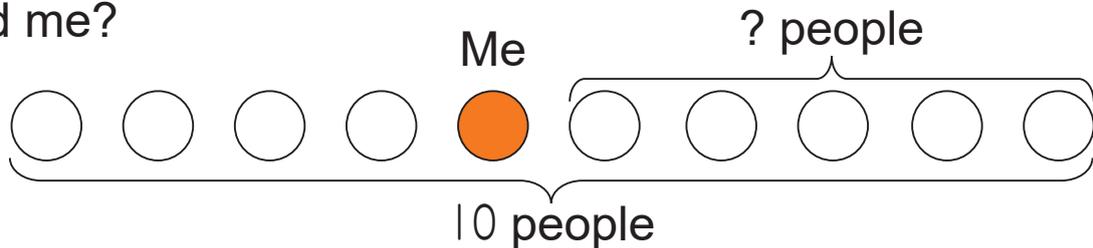
2 There are 10 horses lined up in a row. My horse is the 2nd from the front. How many horses are there behind my horse?



Math
Sentence

Answer horses

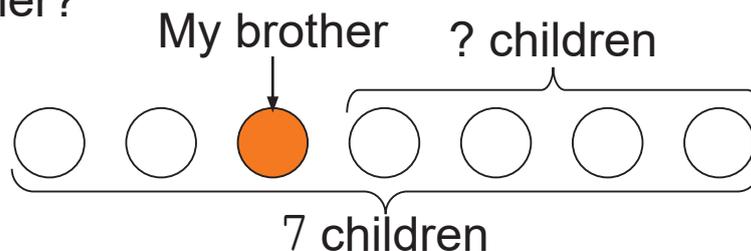
3 There are 10 people lined up in a row. I am the 5th person from the front. How many people are there behind me?



Math
Sentence

Answer 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

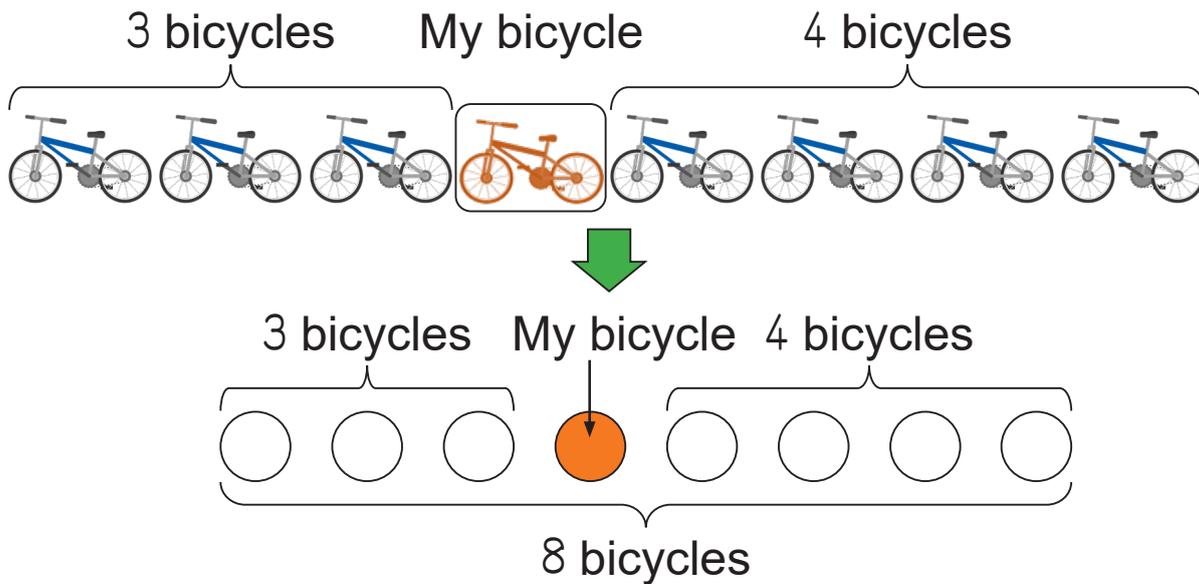
Answer children

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

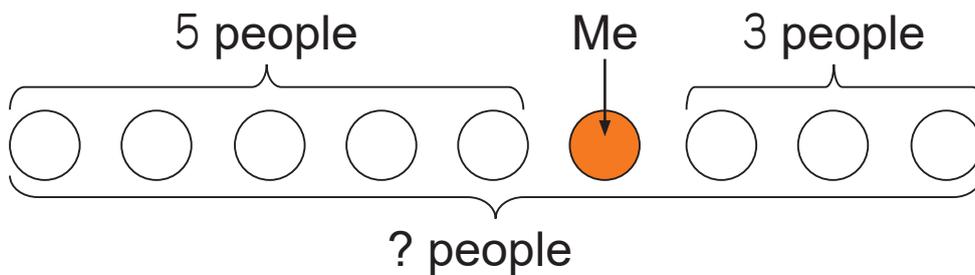
$$3 + 4 + 1 = 8$$

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

Answer

people

18-4

Let's Use Diagrams

Review (1)

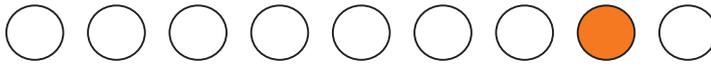
1 There are trucks lined up. My father's truck is the 2nd from the front. There are 6 trucks behind my father's. How many trucks are there altogether?



Math
Sentence

Answer 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

Answer 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

Answer 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

Answer cars

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?

children

Bicycles

5 children

2 bicycles

bicycles

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?

People

Umbrellas

6 people

3 umbrellas

umbrellas

Math Sentence

Answer

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

People

Flutes

8 people

1 flute

flute

Math Sentence

Answer

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?

Cake

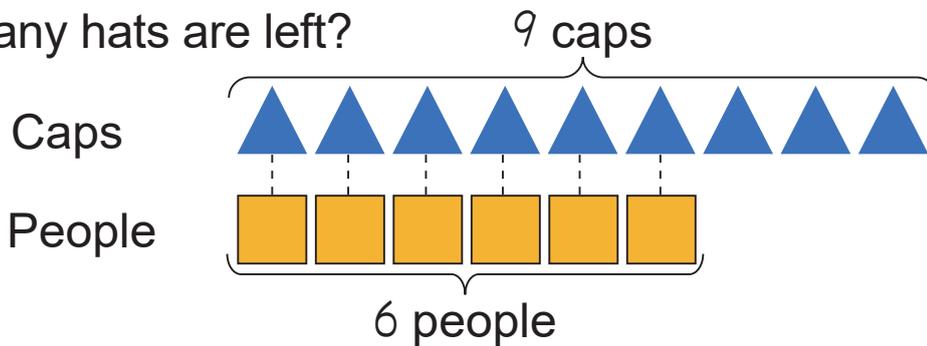
Children

7 children

Math Sentence $9 - 7 = 2$

Answer 2 pieces of cake

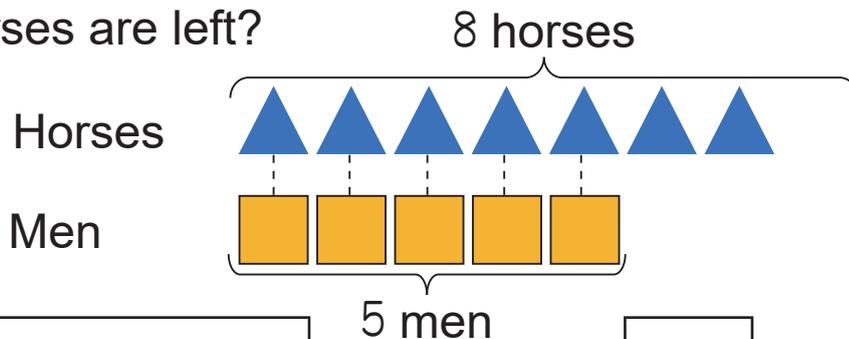
1 There are 9 hats. 6 people wear one hat each. How many hats are left?



Math Sentence

Answer caps

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



Math Sentence

Answer horses

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?

13 black pens

Black pens 

Red pens 

6 fewer red pens

Math Sentence **Red pens** Answer 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? 13 pieces of red paper

Red paper 

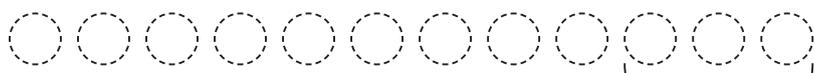
Blue paper 

5 fewer pieces of blue paper

Math Sentence Answer pieces of blue paper

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

Tomatoes 

Carrots 

3 fewer carrots

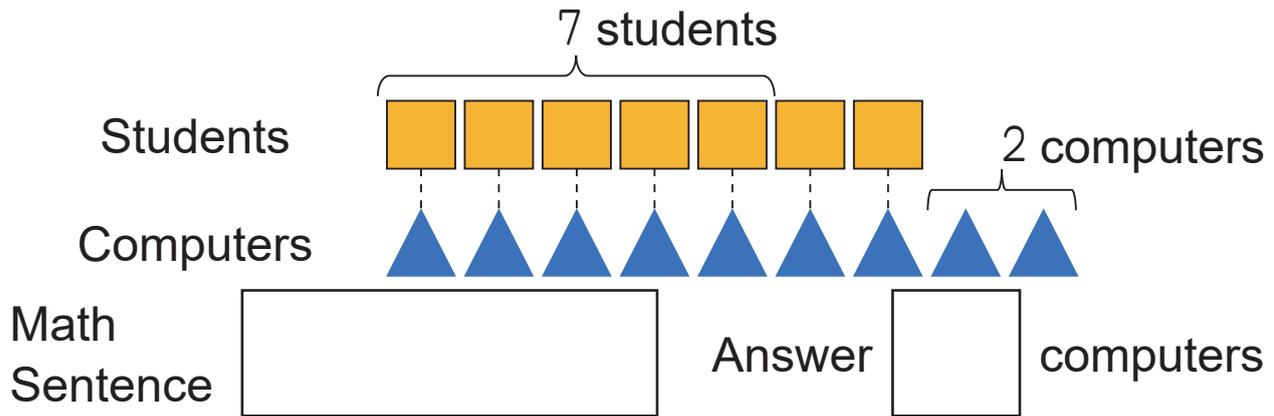
Math Sentence Answer carrots

18-8

Let's Use Diagrams

Review (2)

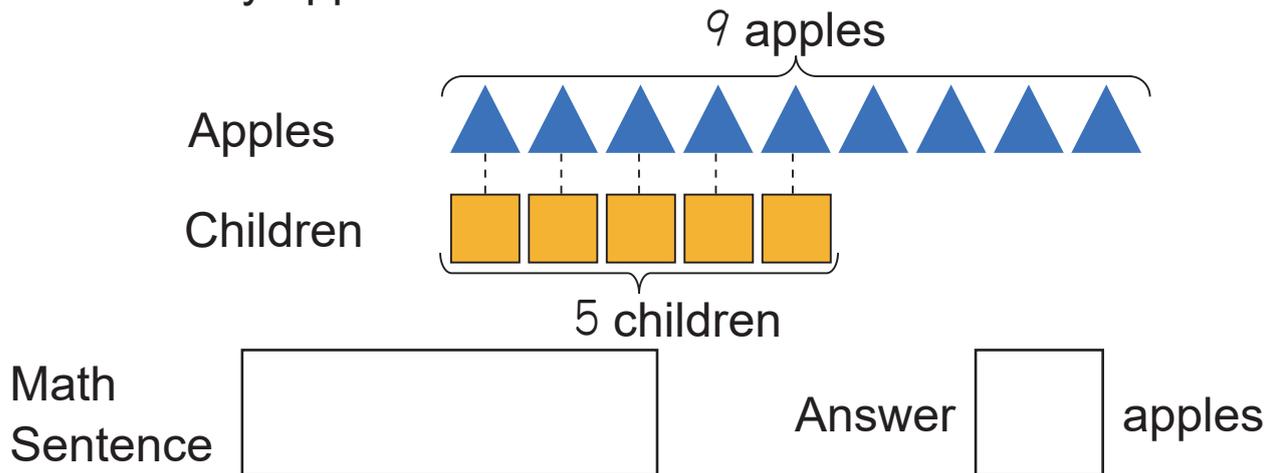
- 1** There are 7 students using one computer each in the classroom. There are 2 extra computers. How many computers are there in total?



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



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



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

