

Arithmetic

Before you begin, practise your times tables on Time Tables Rockstars for 20 minutes.

Solving Word Problems

Lesson
12

In Focus



How many pupils are there altogether?

What patterns can you see which could help you answer the question?

Come up with two methods to answer this problem and write the below.

Method 1 -

Method 2 -

Notice how the picture shows equal groups of children.

Can you see the groups? How many are in each group? How many groups are there?
Create a multiplication sentence from this picture.

7 groups of 4 children, that is $7 \times 4 = ?$

What does 7 lots of 4 give us?

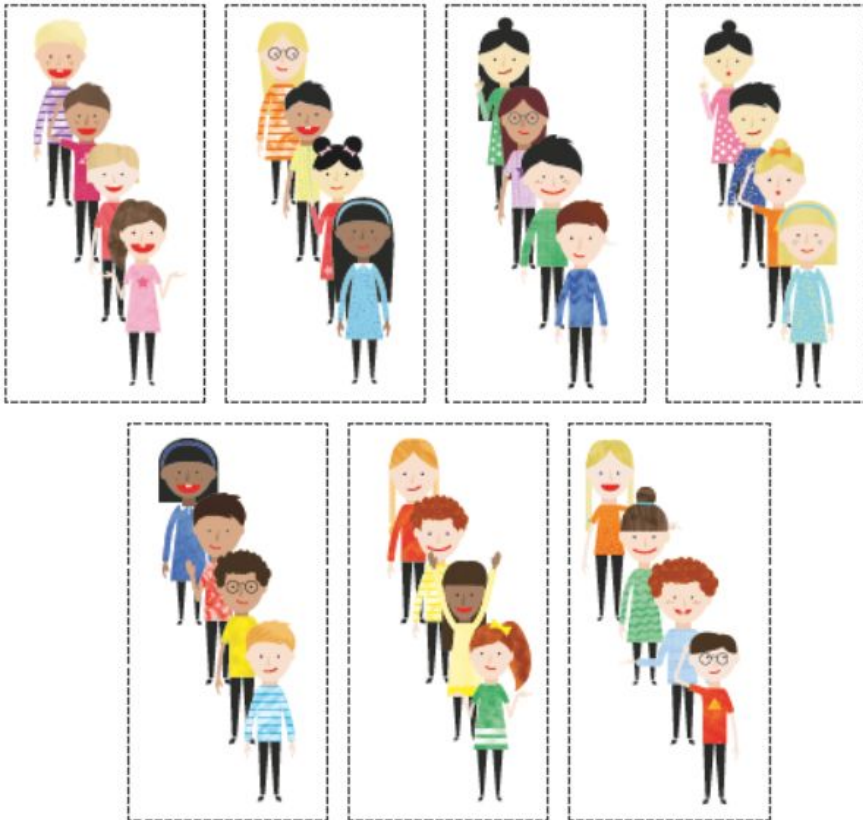
$7 \times 4 = 28$.

Let's Learn

1 There are 4 pupils in each row.



There are 7 groups.



$$7 \times 4 = 28$$

There are 28 pupils altogether.

2 There are 5 groups of 3 children.
Each group has 3 children.
How many children are there altogether?

$$5 \times 3 = 15$$

There are 15 children altogether.

There are 5 groups of 3.



We can answer this question using a multiplication statement.

5 groups of 3 children; how many children altogether?

How many pupils are in each group? 3

How many groups? 5

What is the multiplication statement we can make from this?

5 groups of 3 children gives us 5×3 .

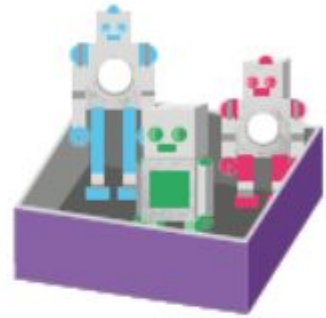
How many children are going on the school trip? $5 \times 3 = 15$.

Guided Practice

Solve.

- 1 At a shop, toy robots are sold in sets of 3.
How many toy robots are there in 9 sets?

$$9 \times 3 = 27$$



- 2 There are 6 shirts.
Each shirt has 4 buttons.
How many buttons are there altogether?

$$6 \times 4 = 24$$



- 3 One flower has 4 petals.
How many petals do 8 flowers have?

$$4 \times 8 = 32$$



- 4 There are 8 stools.
Each stool has 3 legs.
How many legs are there altogether?

$$8 \times 3 = 24$$



Worksheet 12

Solving Word Problems

Solve.

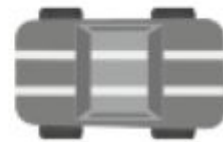
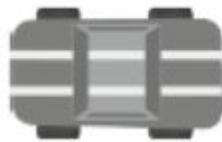
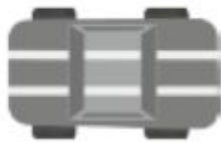
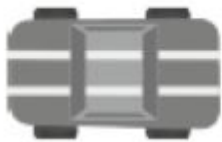
- 1 Sam receives 3 coins from his father every day.
How many coins does he receive in a week?



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

He receives coins in a week.

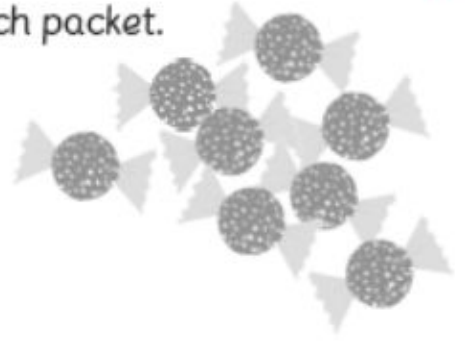
- 2 There are 4 cars at the garage.
Each car has 4 wheels.
How many wheels are there altogether?



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

There are wheels altogether.

- 3 Ruby packs some sweets. She puts 8 sweets in each packet.
There are 6 packets of sweets after packing.
How many sweets does she have altogether?



Number sentence:

Answer:



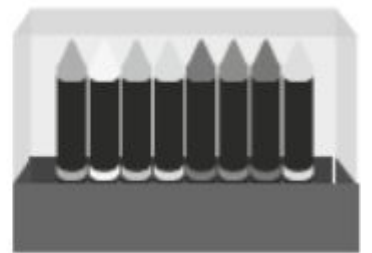
- 4 There are 7 tables in a room. Each table has 4 legs.
How many legs are there altogether?



Number sentence:

Answer:

- 5 Elliott buys 3 boxes of crayons.
There are 8 crayons in each box.
How many crayons are there altogether?



Number sentence:

Answer: