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The first page of a lesson is a maths problem. Don't look at the next page until you have had a go! The third and fourth pages give you practice, so you can check your understanding.



Finding number bonds

Discover



1 a) Use red and yellow  to fill in the  .
How many of each colour did you use?




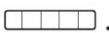
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b) Can you find two more ways to fill in the  ?


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Share

a)  I used 1 yellow  and 4 red  to fill in the  .

				
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b)  Here are two more ways I found.

				
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 Did you get the same?
How can we find all the ways?

Lesson 1


Finding number bonds

1 Complete the  and the number sentences.

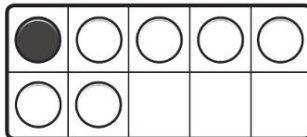
a)  $4 = 1 + \square$

b)  $4 = 2 + \square$

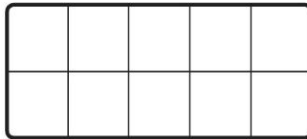
c)  $4 = \square + \square$

2 Complete the  in the sequence.

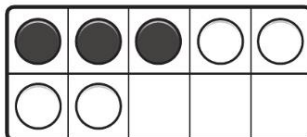
Complete the number sentence.



$1 + 6 = 7$



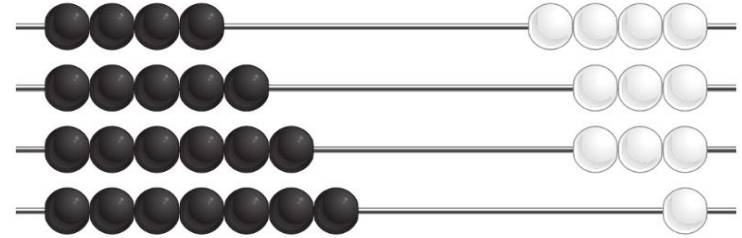
$\square + \square = \square$




$3 + 4 = 7$

3 Circle the odd one out.

Explain your answer.



4 Find the value of  and . 

$\triangle + 7 = 7$

$4 + 3 = 7$

$1 + 6 = 7$

$\bullet + 2 = 7$

$2 + \bullet = 7$

$6 + 1 = 7$

$3 + 4 = 7$

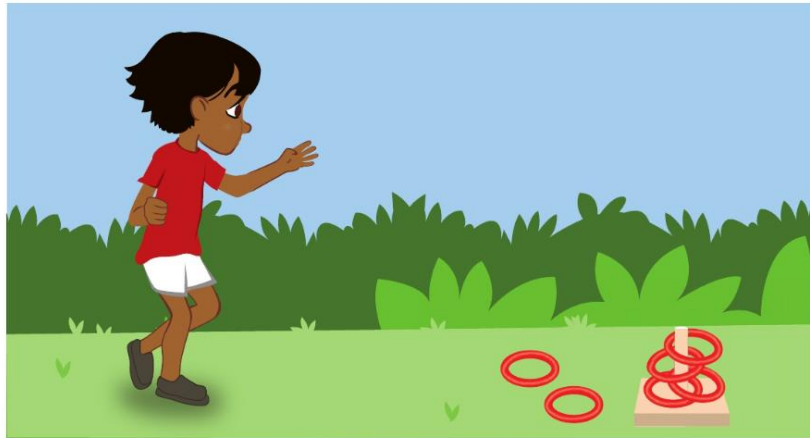
$7 + \triangle = 7$

$\triangle = \square$

$\bullet = \square$

Related facts – addition and subtraction

Discover



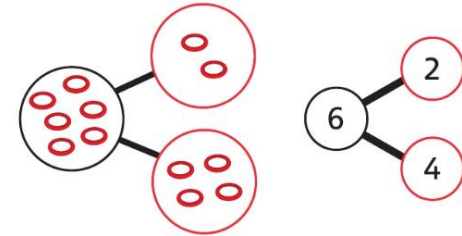
- 1** a) Leon throws 6 rings.
2 rings miss.
How many does he score?
- b) How many different number sentences can you find to show this fact?

Share

a) There are 6 rings in total.

2 rings miss.

$$6 - 2 = 4$$



Leon scores 4 rings.

b)

I got 4 number sentences.

$$6 - 2 = 4$$

$$6 - 4 = 2$$

$$2 + 4 = 6$$

$$4 + 2 = 6$$

I found a different way to write them.

$$4 = 6 - 2$$

$$2 = 6 - 4$$

$$6 = 2 + 4$$


$$6 = 4 + 2$$

There are 8 different number sentences that show this fact.

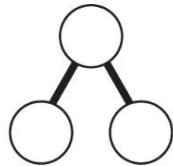
Related facts – addition and subtraction

1 Here are some ducks.

Some ducks are . Some ducks are .

Fill in the  and the number facts.

a)



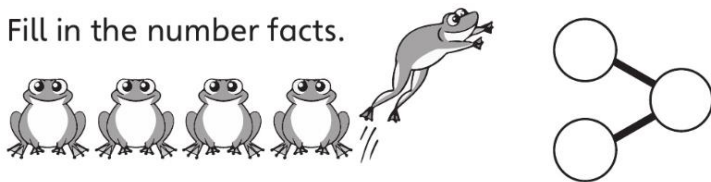
b) + 5 = 9

c) 9 = +

2 Here are some frogs. Some are sitting.

One jumps away.

Fill in the number facts.




$5 - 1 = \square$

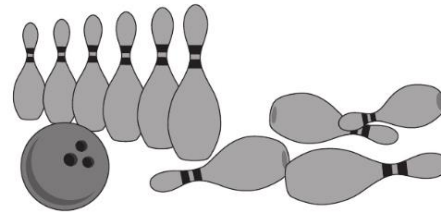
$5 - 4 = \square$


= $5 - 1$

= $5 - 4$

3 Complete the number sentences.


Join each question to the matching number sentence. 



How many  are knocked down?


$4 + \square = 10$

$10 = 4 + \square$

How many  are left up?

$10 - 4 = \square$

= - 4

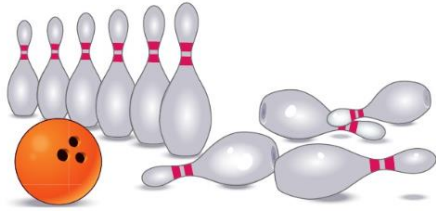
How many  are there in total?


$4 = \square - \square$


- =


Finding the whole – adding together

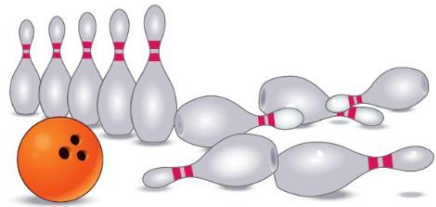
Discover



a) How many  are left up?


How many  are knocked over?

How many  are there **altogether**?



b) 1 more  is knocked over.

Now there are 5  left up and 5  knocked over.

How many  are there altogether?

Share

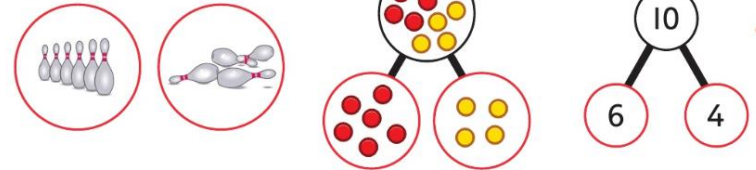
There are two parts.



To **add** we need to put the two parts together and count the whole.



a)



There are 6  left up.

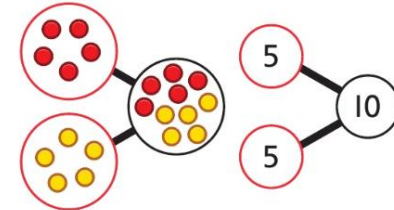
$$\boxed{6} + \boxed{4} = \boxed{10}$$

There are 4  knocked over.

There are 10  altogether.

b) There are 5  left up.

There are 5  knocked over.



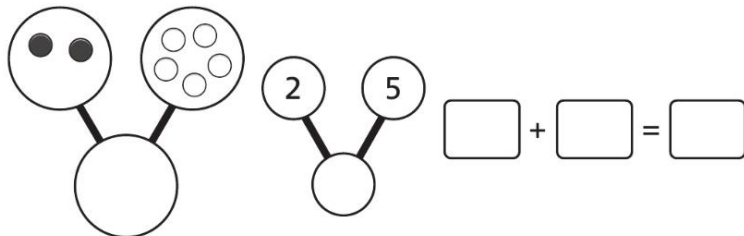
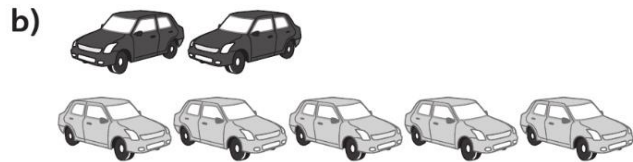
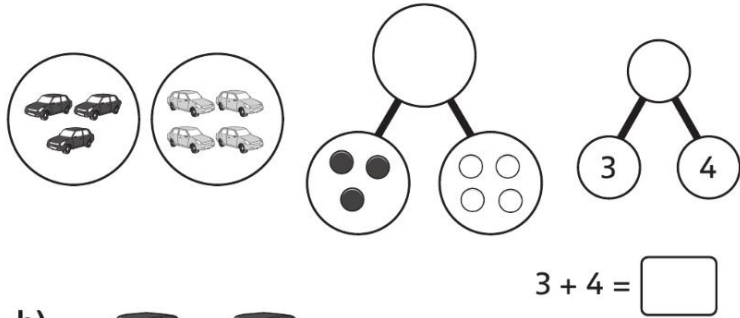
There are 10  altogether.

$$\boxed{5} + \boxed{5} = \boxed{10}$$

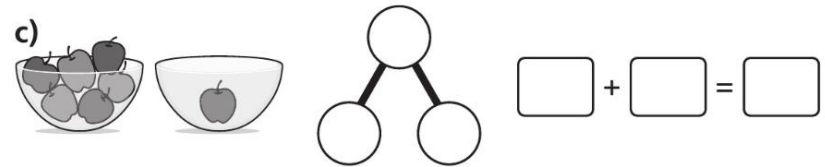
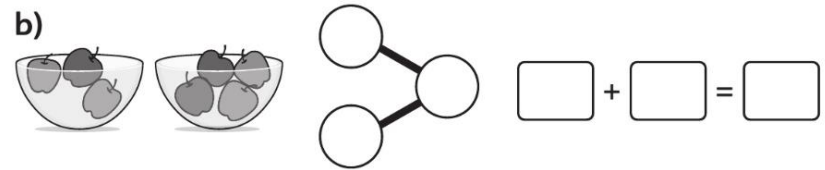
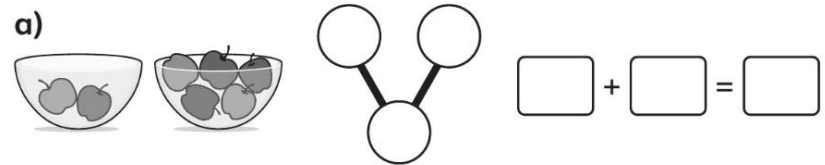
Lesson 3

Finding the whole – adding together

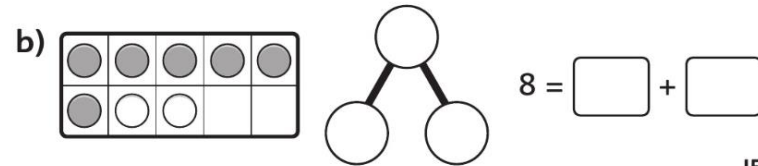
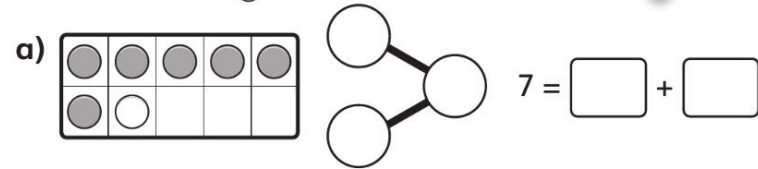
1 How many  are there in total?



2 How many  are there in total?






3 Complete the  and number sentences. 



Add by counting on

Discover



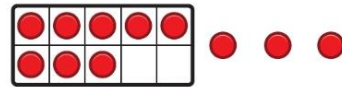
- a)** There are 8 children on the  .
 There are some children waiting to get on the  .
 How many children are there in total?
- b)** 2 more children arrive to get on the  .
 How many children are there in total now?

Share

a)




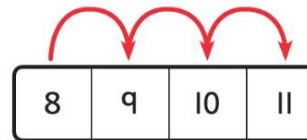
8 children on the bus and 3 more.



8 on the bus

9 10 11

I used  to represent the children.

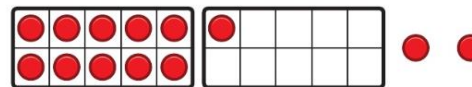


I used a number track to count on 3 more.

$$8 + 3 = 11$$

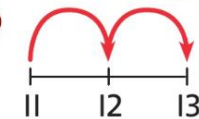
There are 11 children in total.

b) 2 more children arrive.



$$11 + 2 = 13$$

There are 13 children in total.

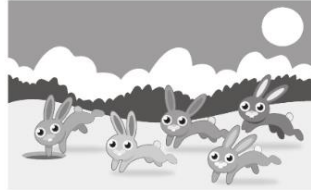


Lesson 4

Add by counting on




- 1 There are 8  in the hole. 5 more  run into the hole.

How many rabbits are there in the hole in total?



$$\square + \square = \square$$

There are  in the hole in total.

- 2 There are 8  in the pot. Harry adds 3 more . How many  are there in the pot now?



$$\square + \square = \square$$

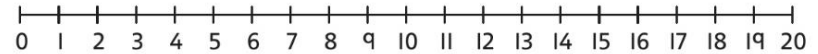
There are  in the pot now.

- 3 Amber has 6 stickers. Lucas has 11 stickers.

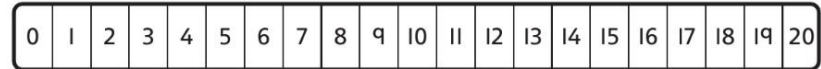
How many stickers are there altogether?

$$\square + \square = \square$$

There are stickers altogether.



- 4 Complete these additions.




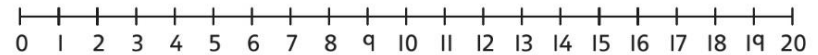
a) $10 + 3 = \square$

c) $4 + 8 = \square$

b) $11 + 3 = \square$

d) $\square = 4 + 7$

- 5 Complete these additions. 



a) $\square = 3 + 16$

c) $14 + 4 = \square$

b) $\square = 5 + 4$

d) $4 + 9 = \square$