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This shows us what page to turn to.



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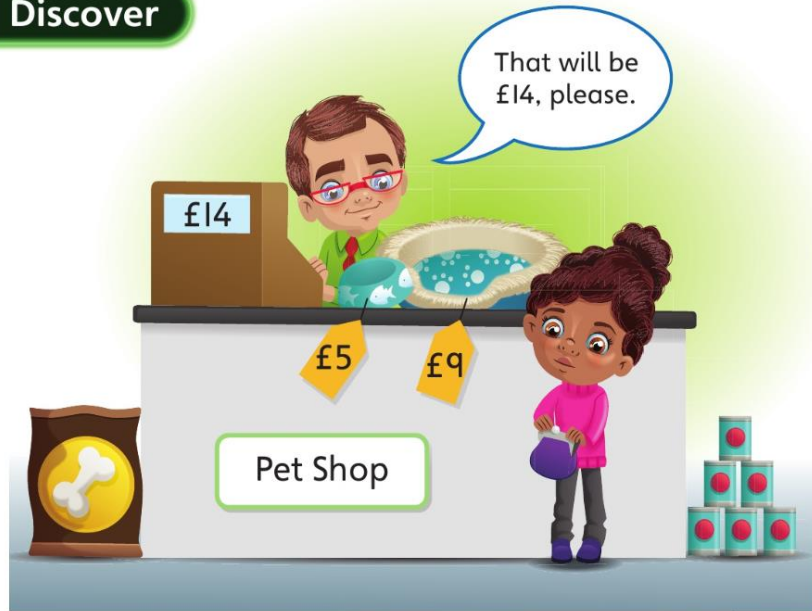
The first page of a lesson is a maths problem. Don't look at the next page until you have had a go! The third and fourth pages give you practice, so you can check your understanding.



Lesson 1

Using number facts to check calculations

Discover



That will be £14, please.

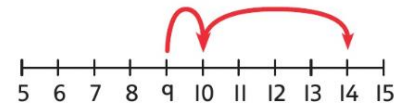
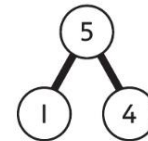
- I** a) Check the total cost of the cat bed and the dish by adding the prices together.
- b) What other calculations could you do to check your answer?

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a)

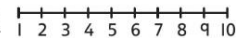
$$9 + 5 = 14$$

I used  to work out the total cost.



$$£9 + £5 = £14$$

The total cost is £14.

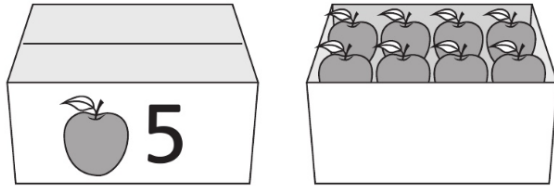
I used  to work out the total cost.



Lesson 1

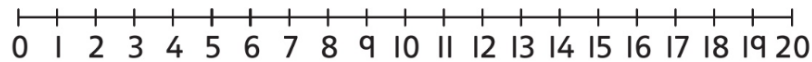
Using number facts to check calculations

1




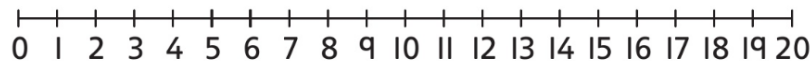
There are 13  in total.

a) What subtraction can be used to check this total is correct?






$$\square - \square = \square$$

b) Write a different subtraction you could use to check the total number of .



$$\square - \square = \square$$

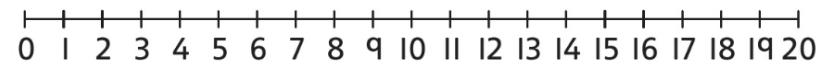
2 Lara has 12 . 

Koji says he has taken 3 .

Lara has 8  left.

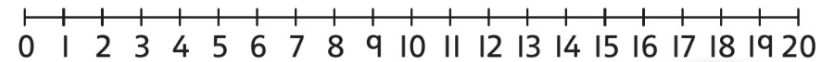
Do you think Koji really took 3 ?

a) Do an addition to find out how many sweets Koji really took.



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

b) Now do a subtraction to find out how many sweets Koji really took.



$$\square - \square = \square$$

c) How many sweets did Koji take?



Could I do a different subtraction?



Comparing number sentences

Discover



- 1 a) Did Ola or Ben bake more cookies?
b) Did Abbie or Ola bake more cookies?



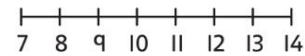
Find the answers without adding up the numbers.

Share

If I put the cookies in lines, I can see who baked more cookies.



- a) Ola 
Ben 



I did $7 + 4 = 11$ and compared this to 12.



Ola baked 11 cookies. Ben baked 12 cookies.

$$12 > 11$$

Ben baked more cookies than Ola.

- b) Ola 
Abbie 

Each person has one tray with 7 cookies on. I just need to see how many cookies are on the other trays.

$$7 + 6 > 7 + 4$$

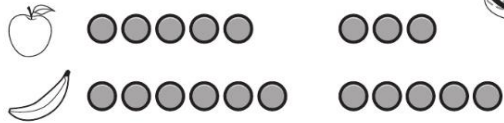
As 6 is greater than 4 then Abbie baked more cookies than Ola.



Lesson 2

Comparing number sentences

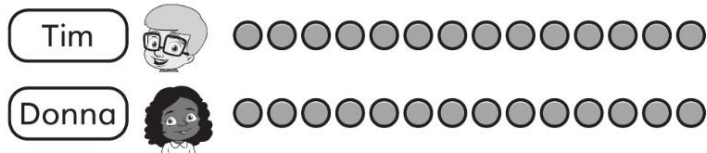
- 1 a) Are there more  or ?  



$5 + 3$ ○ $5 + 6$ There are more _____.

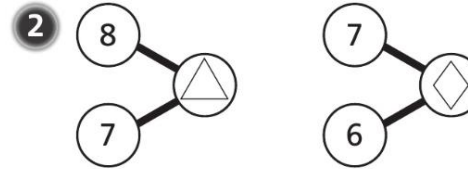
- b) Tim and Donna each have 14 counters.


Tim gives 5 ○ away. Donna gives 8 ○ away.
Who has the most counters left?




$14 -$ ○ $14 -$


_____ has the most counters left.



Does  or  have the greater value?

○ ○ ○

 has the greater value.

- 3 Use $<$, $>$ or $=$ to make each number sentence correct. 

$10 + 4$ ○ 18

$9 + 2$ ○ 9

$8 + 8$ ○ $7 + 7$

$9 - 5$ ○ $9 - 8$

$16 + 3$ ○ $16 - 1$

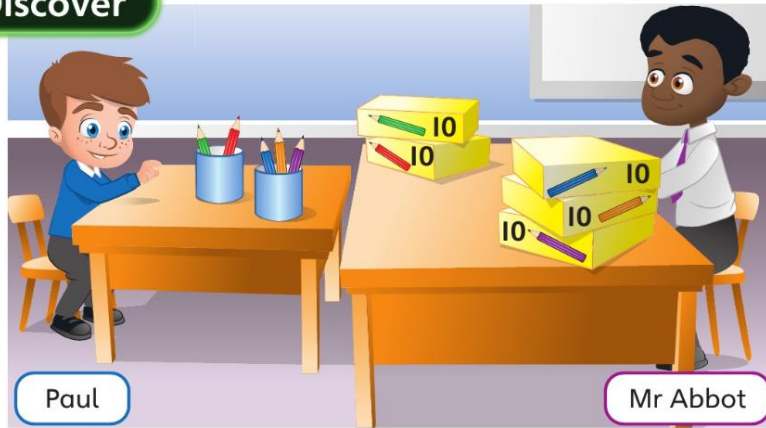
$10 + 2$ ○ $9 + 3$

Are there any I could do without working out the answers on both sides?



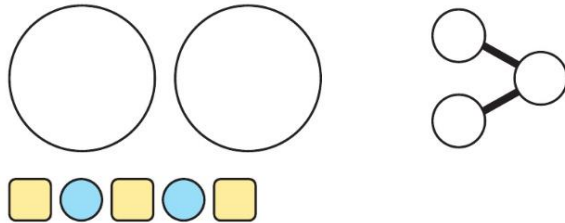
Finding related facts

Discover



- 1 a) How many pencils does Paul have?

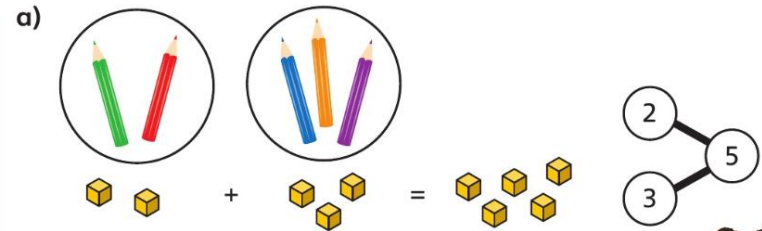
Copy and complete the diagrams to help you fill in the number sentence.



- b) How many pencils does Mr Abbot have?

What is the same? What is different?

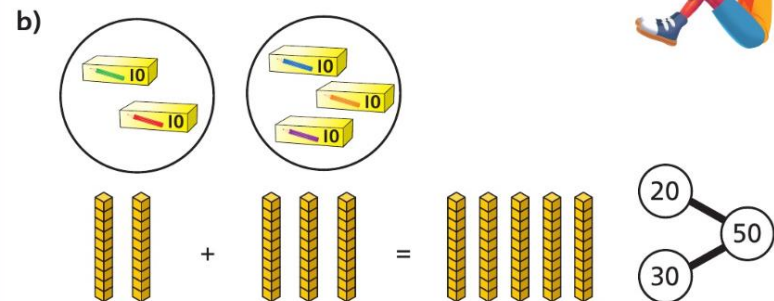
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$$2 + 3 = 5$$

Paul has 5 pencils.

I wrote $5 = 2 + 3$.



$$20 + 30 = 50$$

Mr Abbot has 50 pencils.

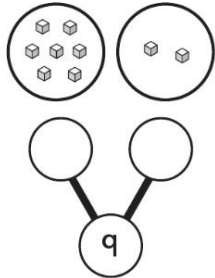
The signs and some of the digits are the same.

Some of the numbers are ones. Some of the numbers are tens.

Lesson 3

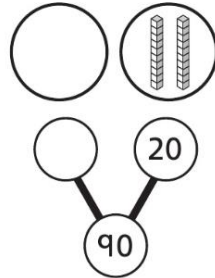
Finding related facts

1 Complete the diagrams and the number sentences.



$$2 + \square = 9$$

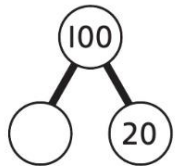
$$\square = 9 - 2$$



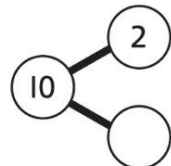
$$20 + \square = 90$$

$$\square = 90 - 20$$

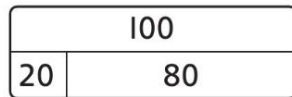
2 Use the bead string to complete the diagrams and the number sentences.



$$20 + \square = 100$$

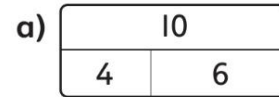


$$100 - 20 = \square$$



$$\square + 2 = 10$$

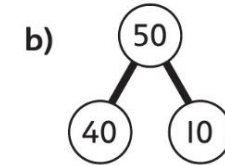
3 Use the diagrams to complete the number sentences.



$$4 + \square = 10$$

$$\square = 40 + 60$$

$$100 - 40 = \square$$



$$40 + 10 = \square$$

$$50 - 40 = \square$$

$$5 - \square = 1$$



$$\square = 4 + 5$$




$$50 + 40 = \square$$

$$40 + \square = 90 - \square$$

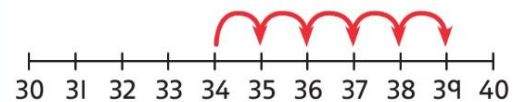
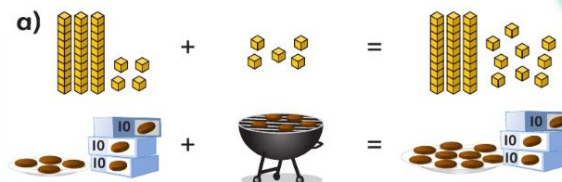
Adding and subtracting 1s





Discover







- 1** a) How many  are there in total?
Write a number sentence to show your answer.
- b) Three people each eat one .
How many  are left?
Write a number sentence to show this.

Share




T	O	T	O
			

T	O
3	4
+	5
<hr/>	
	9

T	O	T	O
			

T	O
3	4
+	5
<hr/>	
3	9

$34 + 5 = 39$
There are 39  in total.

I counted on from 34.



I ordered my work in columns. First, I added the ones.

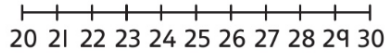


Then I added the tens.

Lesson 4

Adding and subtracting 1s

1 How many seeds are there in total?



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

There are seeds in total.



2 There are 29 animals in a field.

There are 5 . The rest are .

How many in the field?

Tens	Ones

T	O	
2	9	
-		

There are in the field.

3 Complete the number sentences.

<p>a) $45 + 2 = \square$</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">O</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> <tr><td colspan="2" style="text-align: center;">+</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> </table>	T	O			+				<p>c) $\square = 92 + 7$</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">O</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> <tr><td colspan="2" style="text-align: center;">+</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> </table>	T	O			+				<p>e) $68 - 8 = \square$</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">O</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> <tr><td colspan="2" style="text-align: center;">-</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> </table>	T	O			-			
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<p>b) $56 + 3 = \square$</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">O</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> <tr><td colspan="2" style="text-align: center;">+</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> </table>	T	O			+				<p>d) $45 - 3 = \square$</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">O</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> <tr><td colspan="2" style="text-align: center;">-</td></tr> <tr><td style="border: 1px solid black; width: 30px; height: 30px;"></td><td style="border: 1px solid black; width: 30px; height: 30px;"></td></tr> </table>	T	O			-			
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