

**Ma**

YEAR

**3**

LEVELS

**3-4**

TEST

**3b**

# Mathematics

## Test 3b

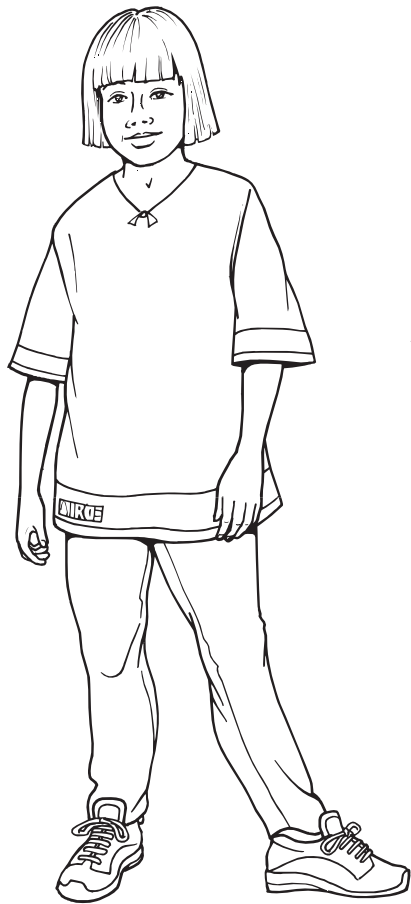


**Name**

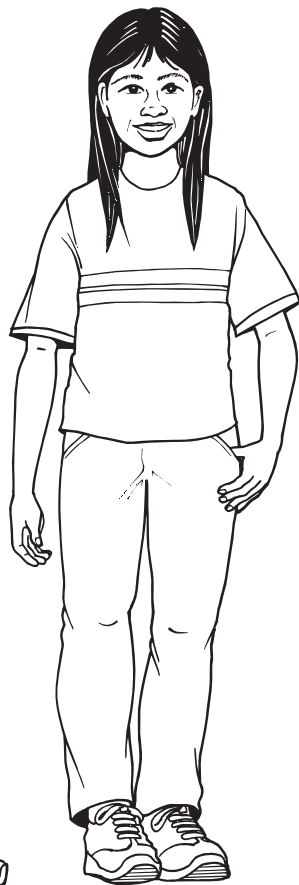
**Date**

Total marks

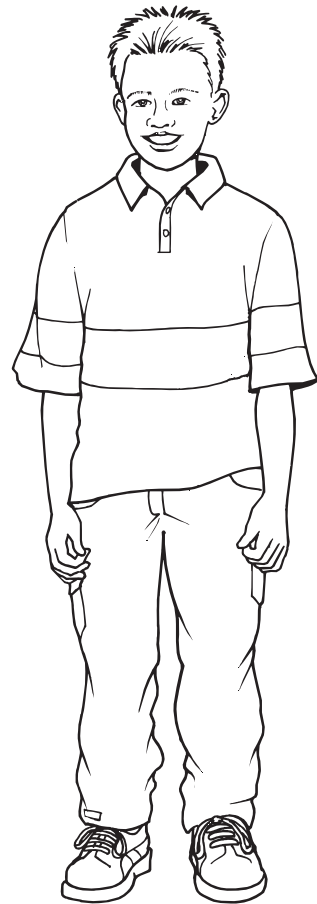




Katie



Mina



Ben

## Getting started



This shows you where you need to put each answer.

Some questions have an answer box like this:



Show how  
you work  
it out.

For these questions you may get a mark for showing your working.

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## Practice question

Calculate **21 + 14**



1

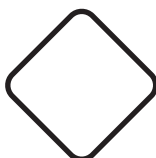
Calculate  $13 \times 3$



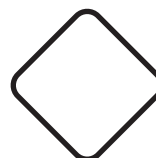
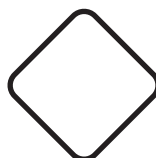
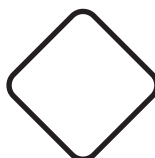
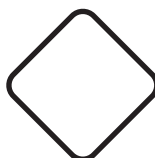
1

2

Write these numbers in order.



smallest

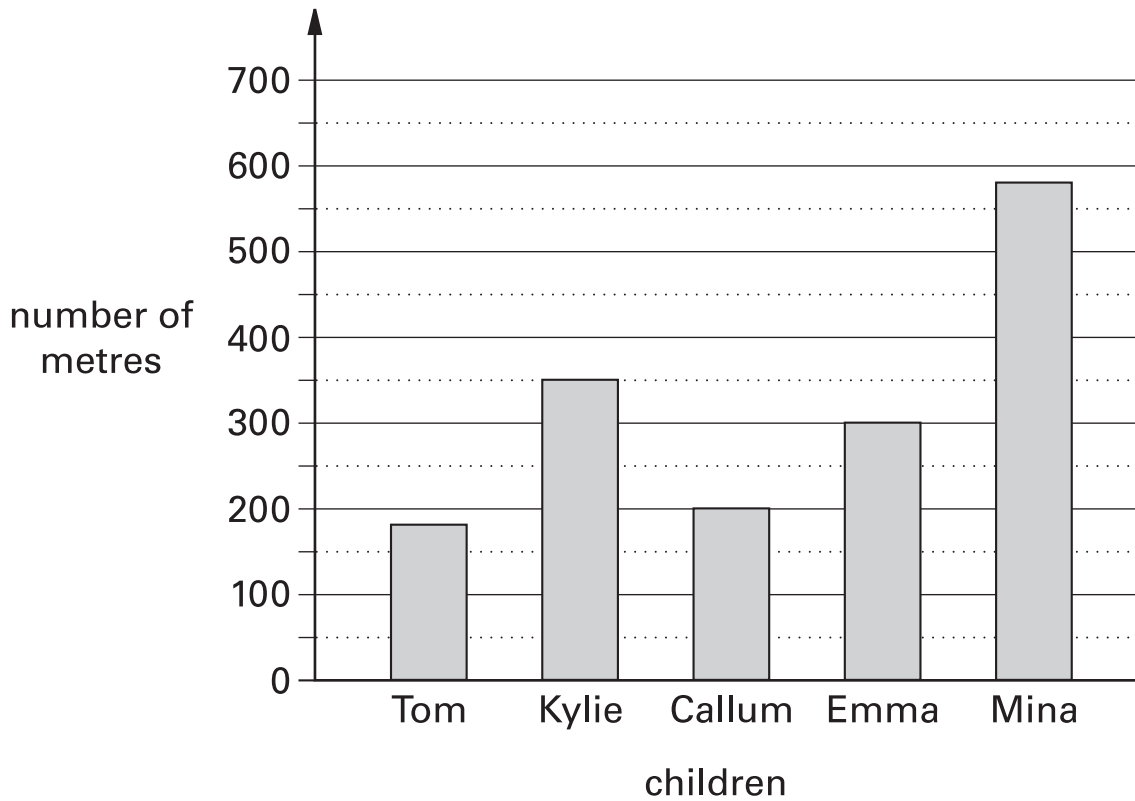


largest

2

3

This graph shows the distance some children walk to school.



Who walks **between** 300 and 400 metres to school?



.....

3a

**Estimate** how many metres Tom walks to school.



	<b>m</b>
--	----------

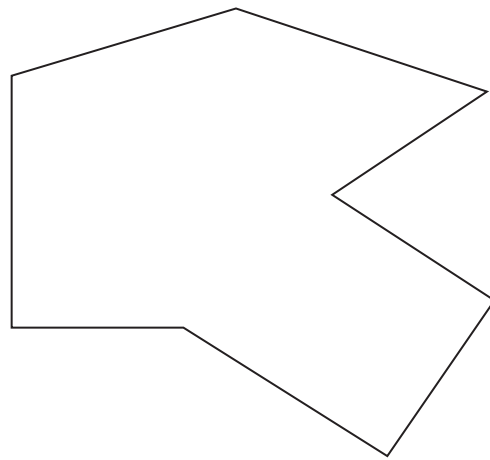
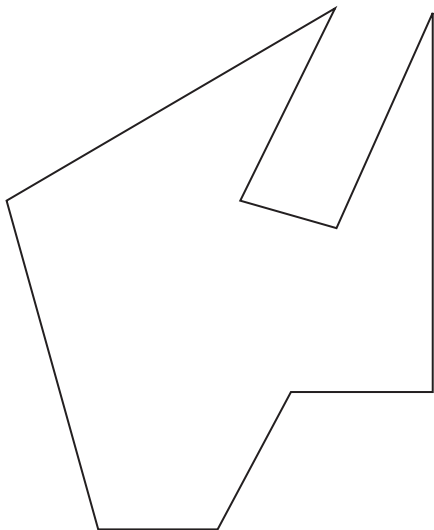
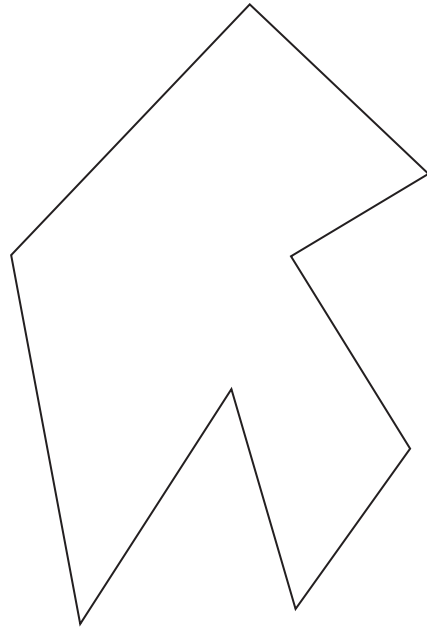
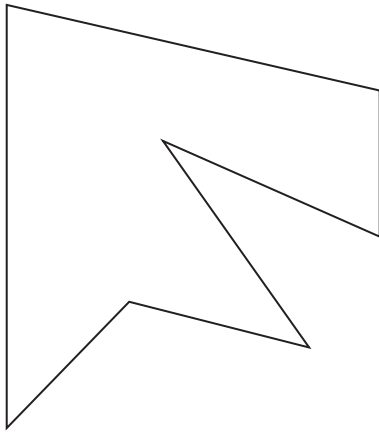
3b

4

Here are some shapes.

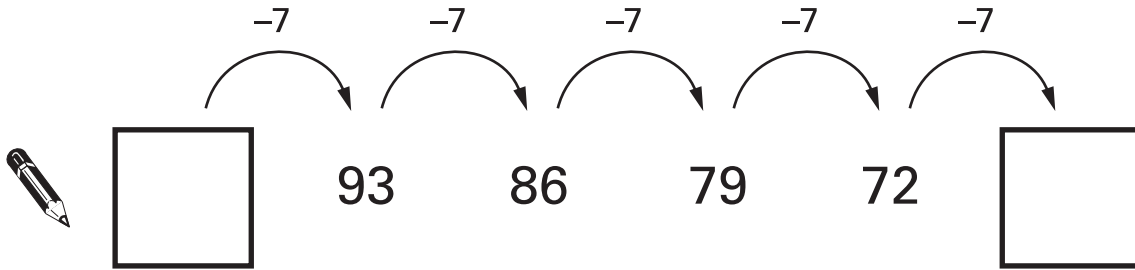
Two of the shapes are **octagons**.

Put a tick (✓) on them.



5

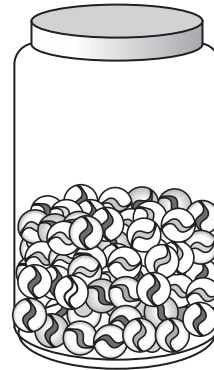
Write the two missing numbers in this sequence.



6

Mina has **76** marbles in a jar.

The jar is about **half full**.



Estimate how many marbles Mina will have when the jar is **full**.

Circle the best estimate.



75

100

125

150

175

7

Measure this line.

Use a ruler.



--

 cm

7

8

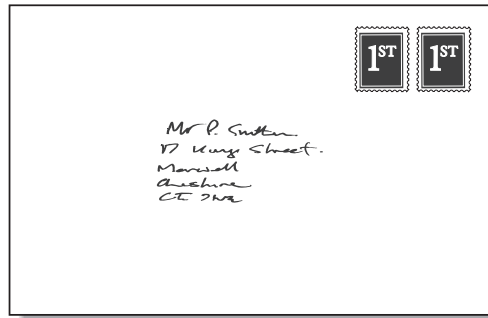
Complete the table.

shape	number of <b>right</b> angles
	 .....
	 .....

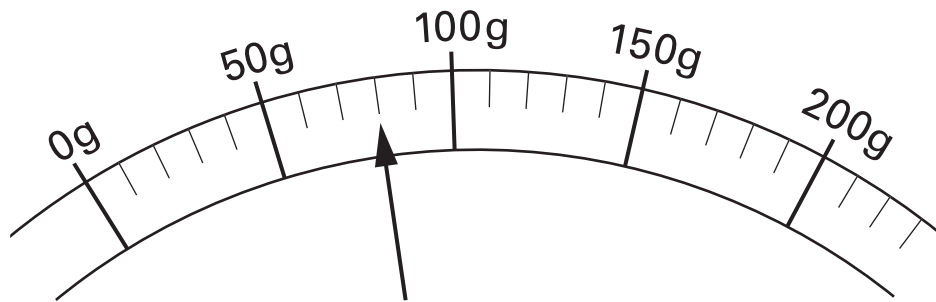


8





Here is a scale which shows the weight of a letter.



How much does the letter weigh?



grams

10

The letter **D** has a line of symmetry.

Tick (✓) **all** the other letters that have a line of symmetry.

**D**

**M**

**E**

**S**

**N**



11

Katie has these digit cards.

She makes different **2-digit** numbers with them.

5

7

2

Write **all** the **2-digit** numbers Katie can make with them.






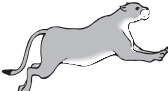
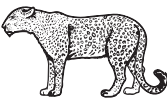
10

11 i

11 ii

60 children visit the zoo.

They each vote for their favourite big cat.

favourite big cat	number of children
cheetah 	7
lion 	22
tiger 	13
panther 	
leopard 	10
<b>total</b>	<b>60</b>



Complete the table.

Now look at each sentence below.

Put a tick (✓) if it is **true**.

Put a cross (✗) if it is **not true**.



Nine more children voted for the lion than for the leopard.

The lion was more popular than the tiger.

$\frac{1}{4}$  of the children voted for the tiger.

12a

12b

13

Ben saved **twenty-four** 10p coins and **ten** 20p coins.

How much money has Ben saved?



Show how you work it out.



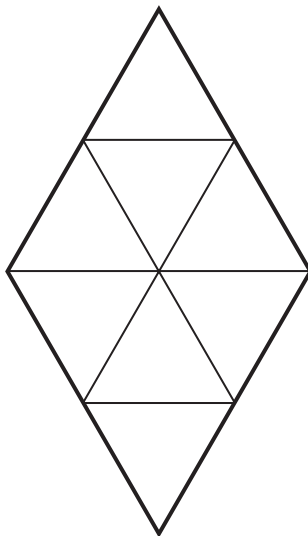
£

13i

13ii

14

Shade  $\frac{1}{4}$  of this shape.



14

**15**

Write in the missing number.



$$120 + \boxed{\phantom{000}} + 70 = 500$$

15

**16**Circle the **two** fractions that have the same value.

$$\frac{2}{10}$$

$$\frac{1}{3}$$

$$\frac{1}{2}$$

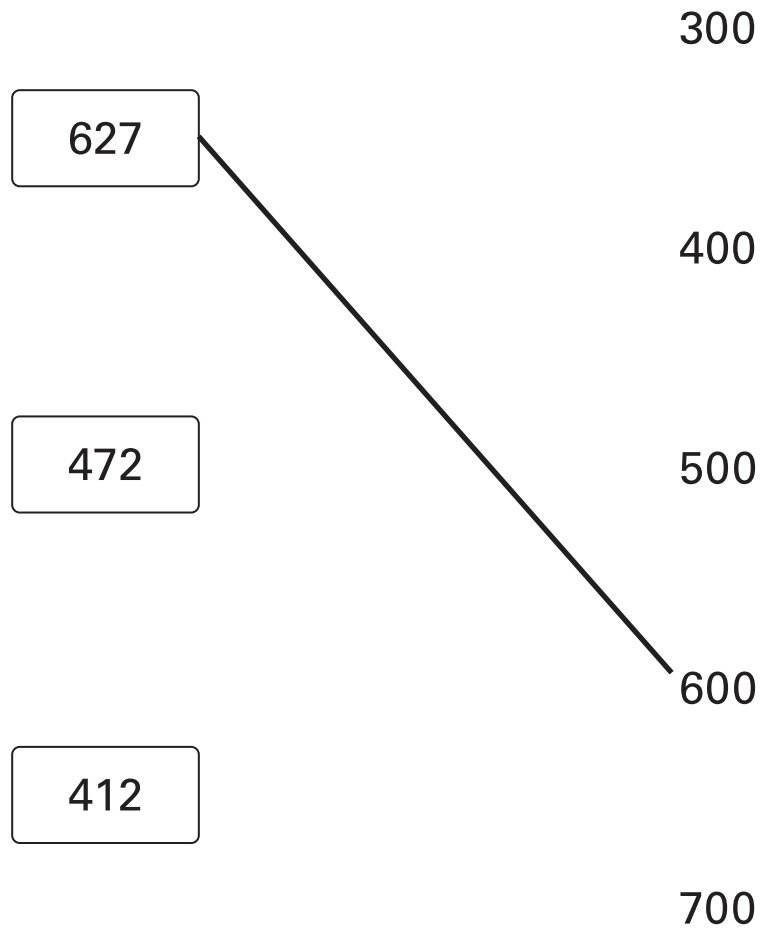
$$\frac{5}{10}$$

$$\frac{1}{4}$$

16

Round each number in a box to the nearest 100

One is done for you.



**18**

Write in the missing digits.

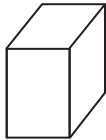
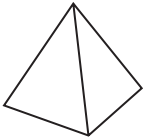


$$\begin{array}{|c|c|} \hline & 7 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 5 & \\ \hline \end{array} = 43$$

18

**19**

Complete the table.

	number of faces	number of edges
 cuboid	6	12
 square-based pyramid	5	

19

20

Calculate  $448 + 375$

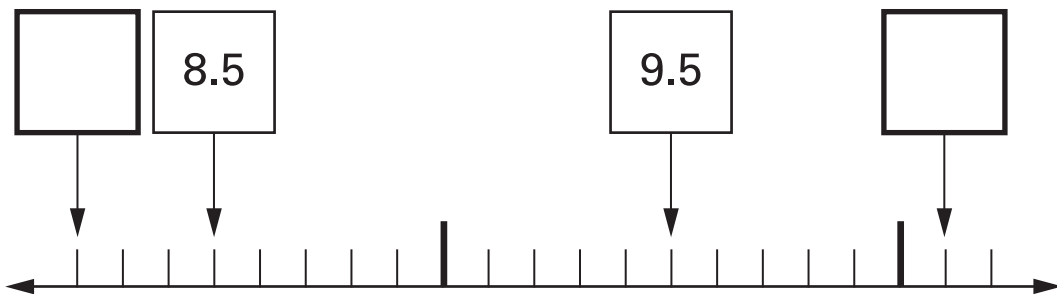


20

21

Here is part of a number line.

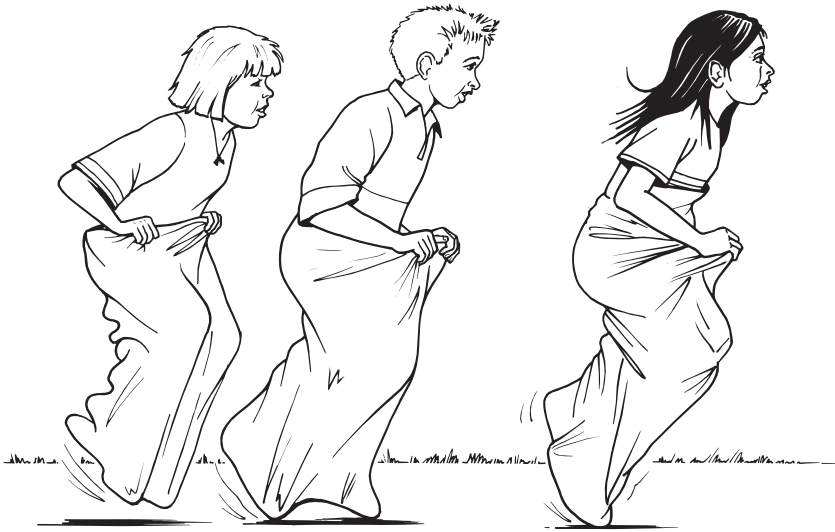
Write in the numbers missing from the **two** empty boxes.



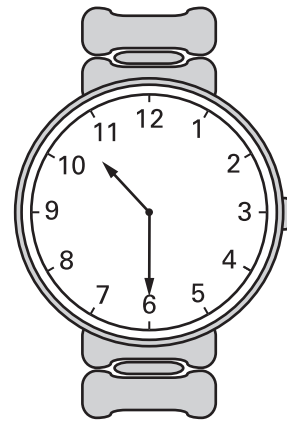
21a

21b





The Fun Day started at this time in the morning.



It finished at this time in the afternoon.



How long did the Fun Day last?



<b>hours</b>	<b>minutes</b>
--------------	----------------

23

Write in the missing number.



$$\div 4 = 23$$

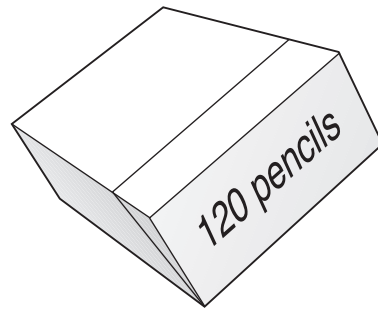
23

24

Miss Wood's class had 120 pencils at the start of the year.

12 children use 5 pencils each.

11 children use 4 pencils each.



How many pencils are left at the end of the year?



Show how  
you work  
it out.



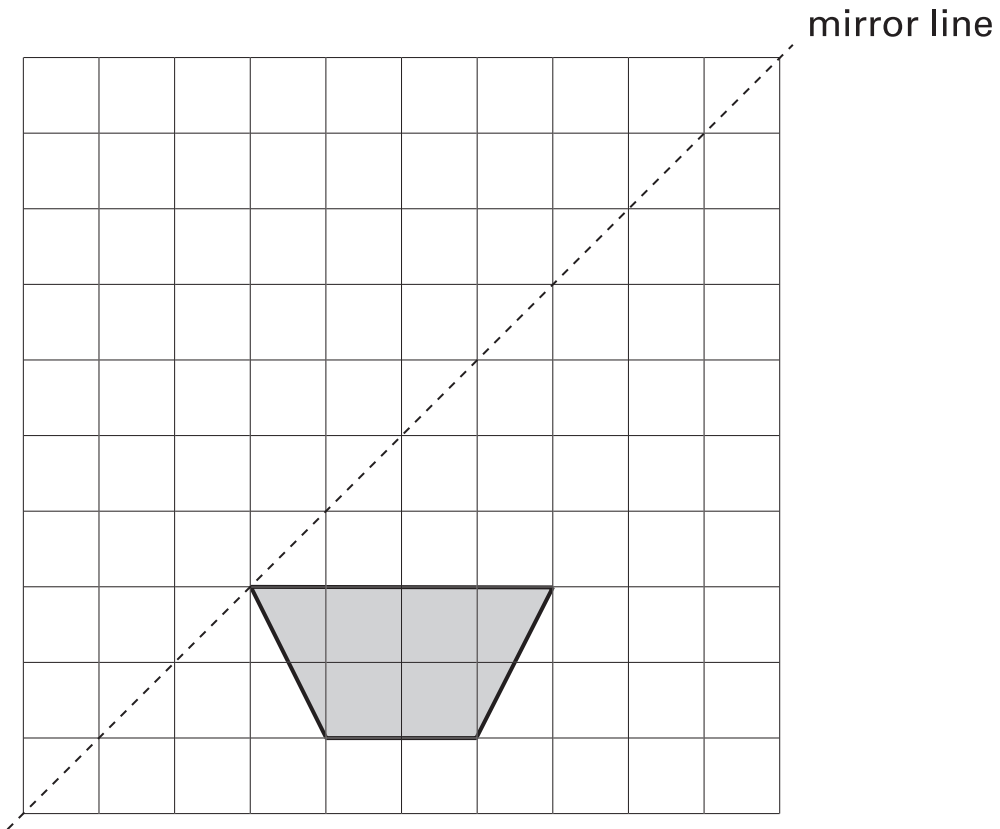
pencils

24i

24ii

25

Draw the reflection of this shape.

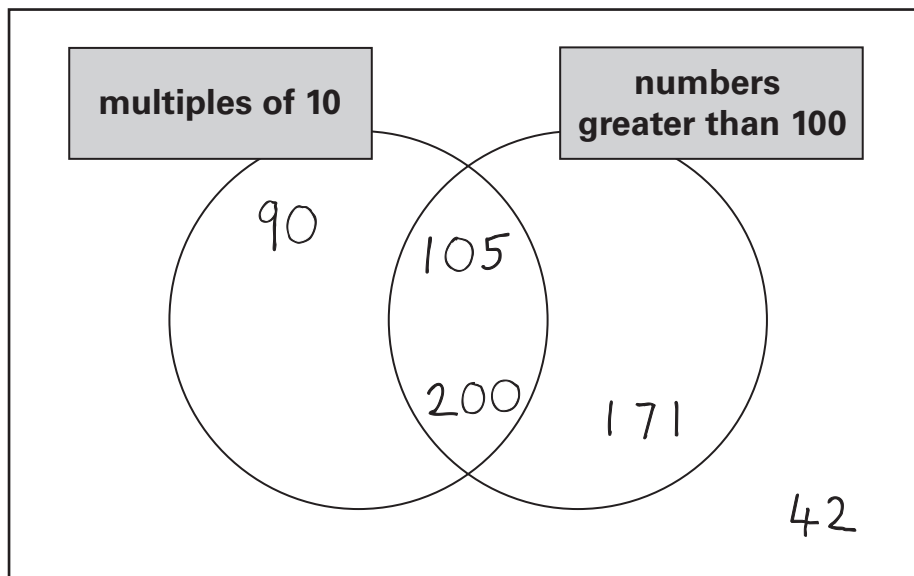


25

26

One number is in the **wrong** place on the sorting diagram.

Put a cross (x) on it.



26

27

Calculate  $237 - 189$

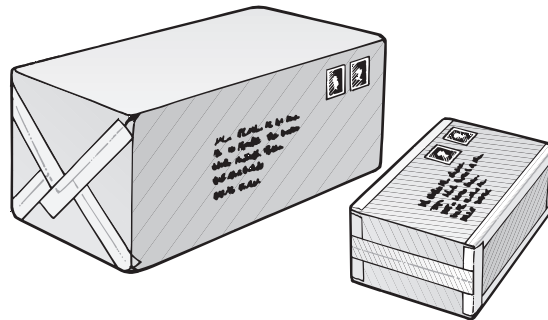


27

28

It costs Ben **£4.16** to post **two** parcels.

**One** parcel costs **£3.32** to post.



How much does the **other** parcel cost to post?



28

29

Katie's glass holds a **quarter of a litre** when it is full.

She nearly fills it to the top with juice.



Tick (✓) the approximate amount of juice she puts in the glass.



4 millilitres

20 millilitres

120 millilitres

220 millilitres

420 millilitres

End of test

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