

**Ma**

YEAR  
**4**

LEVELS  
**3-4**

TEST  
**4b**

# Mathematics

## Test 4b



**Name**

**Date**

Total marks



## Getting started



This shows you where you need to put the answer.

Some questions have an answer box like this:

A large rectangular box representing an answer area. On the left side, a callout bubble contains the text "Show your **working**. You may get a mark." with an arrow pointing to the right. In the bottom right corner of the large box, there is a smaller, empty rectangular box for the answer. A pencil icon is positioned at the top left corner of the large box.

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

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## Practice question

Here are some numbers.

60

20

30

Circle **two** of these numbers.

Add them together.

Write your answer.



1

Here are some numbers.

246

367

458

Circle **two** of these numbers.

Add them together.

Write your answer.



1

2

Here are two signs.



Use the signs to make these correct.



52

17

19

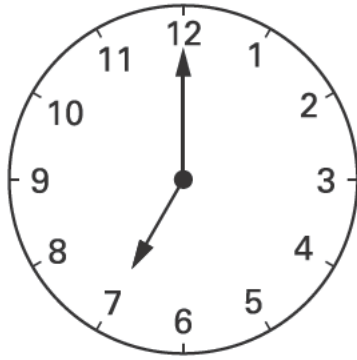
91

50

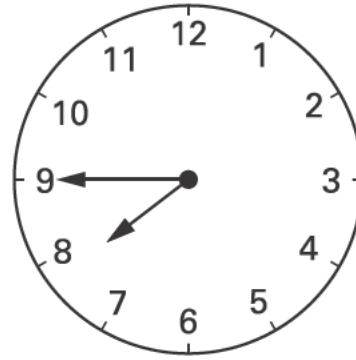
34

2

**3** These clocks show the **start** and **finish** times of a TV programme.



**start**



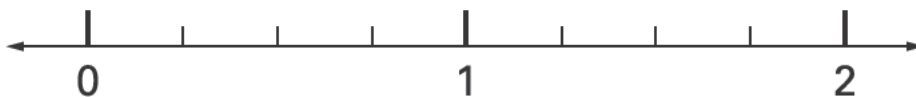
**finish**

For how many minutes does the programme last?



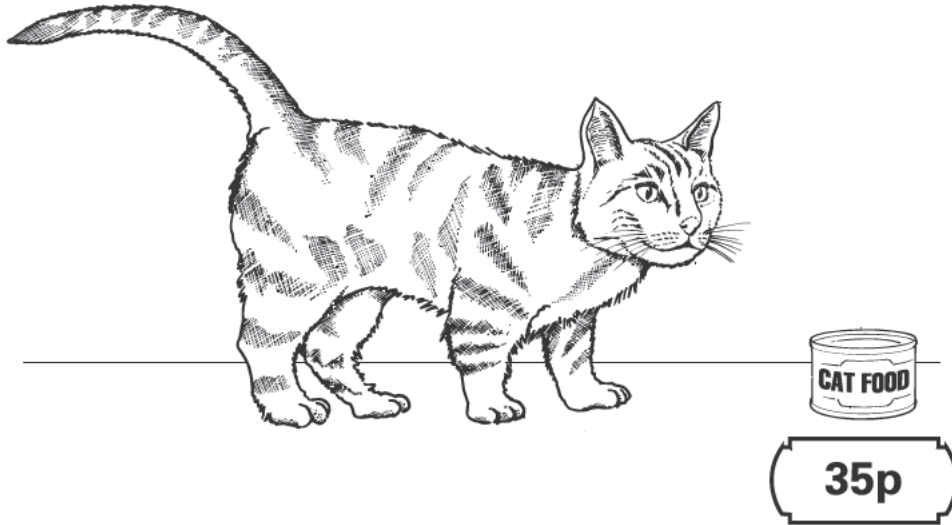
minutes

**4** Draw an arrow ( $\downarrow$ ) on the number line to show  $1\frac{3}{4}$



5

Sarah's cat eats one tin of this cat food each day.



How much does it cost to feed Sarah's cat for 7 days?

 Show your **working**. You may get a mark. 

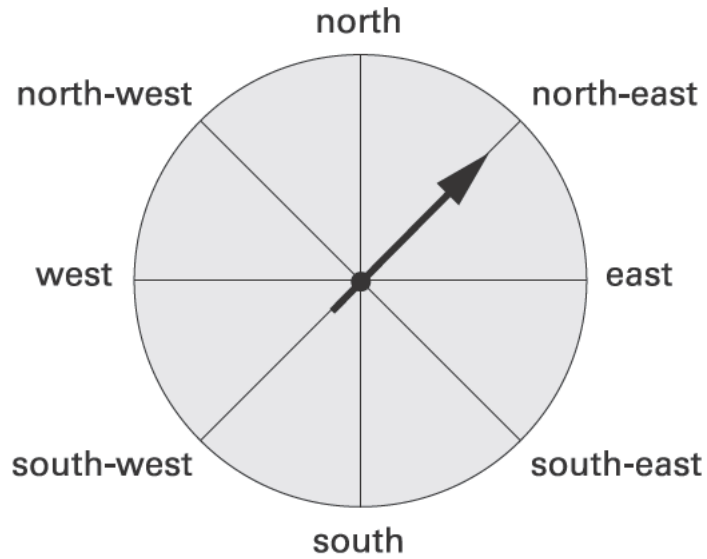
£

5i

5ii

6

The arrow is pointing **north-east**.



The arrow is moved a **quarter turn clockwise**.

In which direction is the arrow pointing after it is moved?



.....

6

7

Circle the **two** fractions that are **greater than**  $\frac{1}{2}$



$\frac{1}{8}$

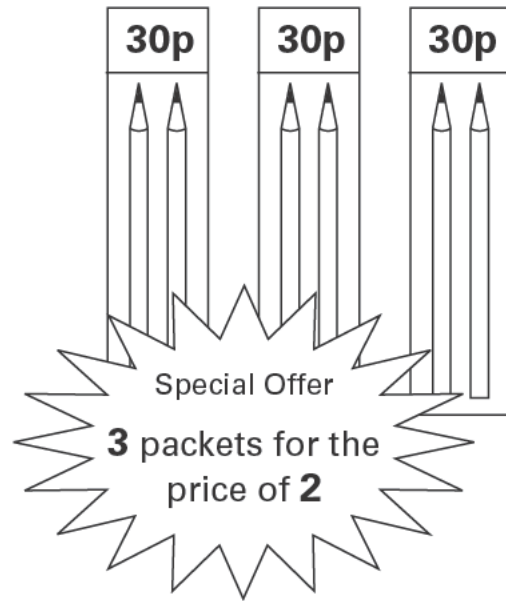
$\frac{6}{10}$

$\frac{5}{8}$

$\frac{3}{10}$

7

A shop has these special offers.



Joe wants to buy 6 pencils.

Which is the cheaper offer?

Tick (✓) one box.



Half price

3 for 2

Explain how you know.



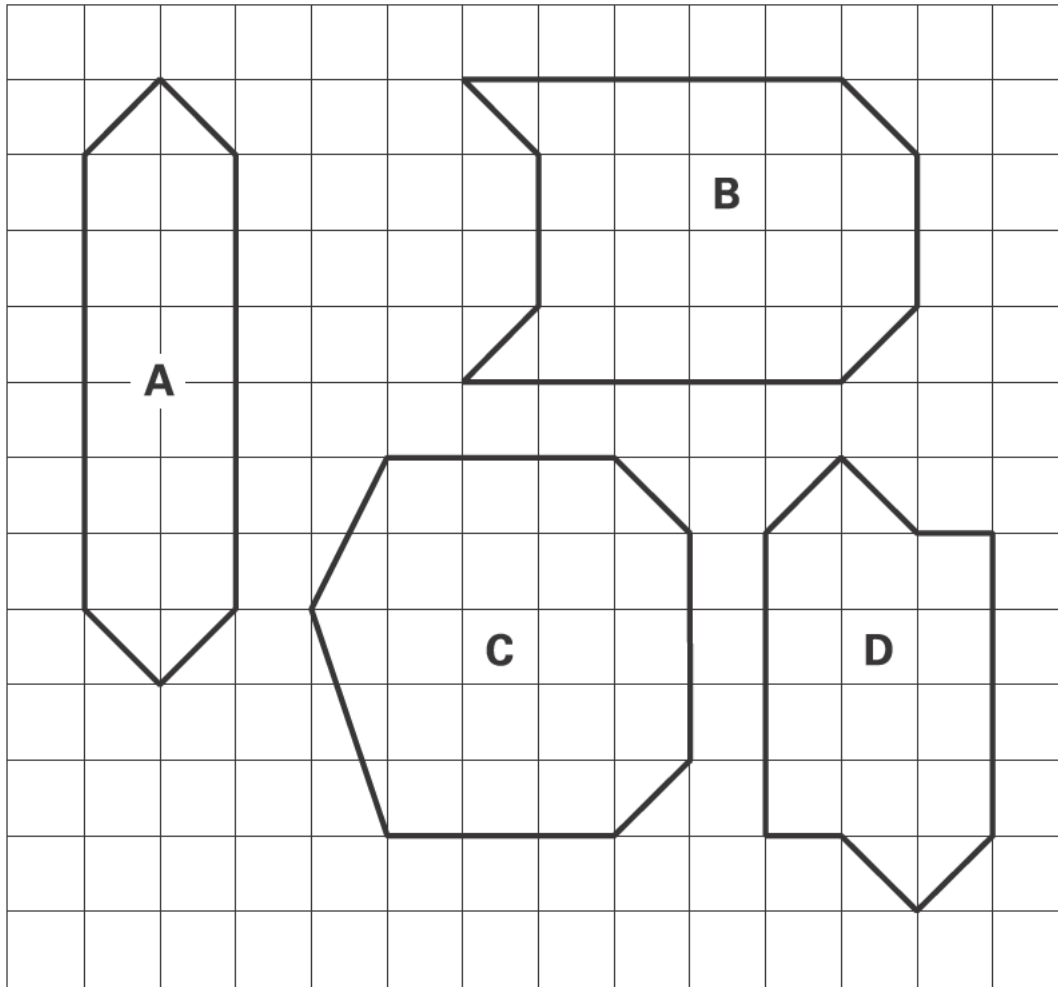
.....

.....

.....



Here are four shapes on a square grid.



Complete the table.

	property of shape	
	is an octagon	has at least 1 right angle
shape A	x	✓
shape B	✓	x
shape C		
shape D		✓

**10**

Write in the missing digits.

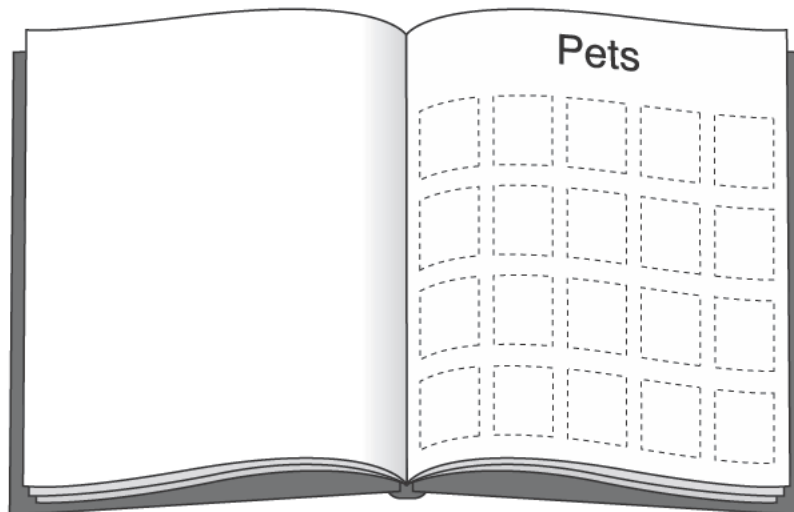


$$\begin{array}{|c|c|c|} \hline 1 & & 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 6 & \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 2 & 0 & 0 \\ \hline \end{array}$$

10

**11**

Meg has 20 pet stickers to go on this page.

 $\frac{1}{4}$  of them are dog stickers. $\frac{1}{2}$  of them are cat stickers.

The rest are rabbit stickers.

How many rabbit stickers does she have?

**stickers**

11

12

What is the remainder when you divide 53 by 8?

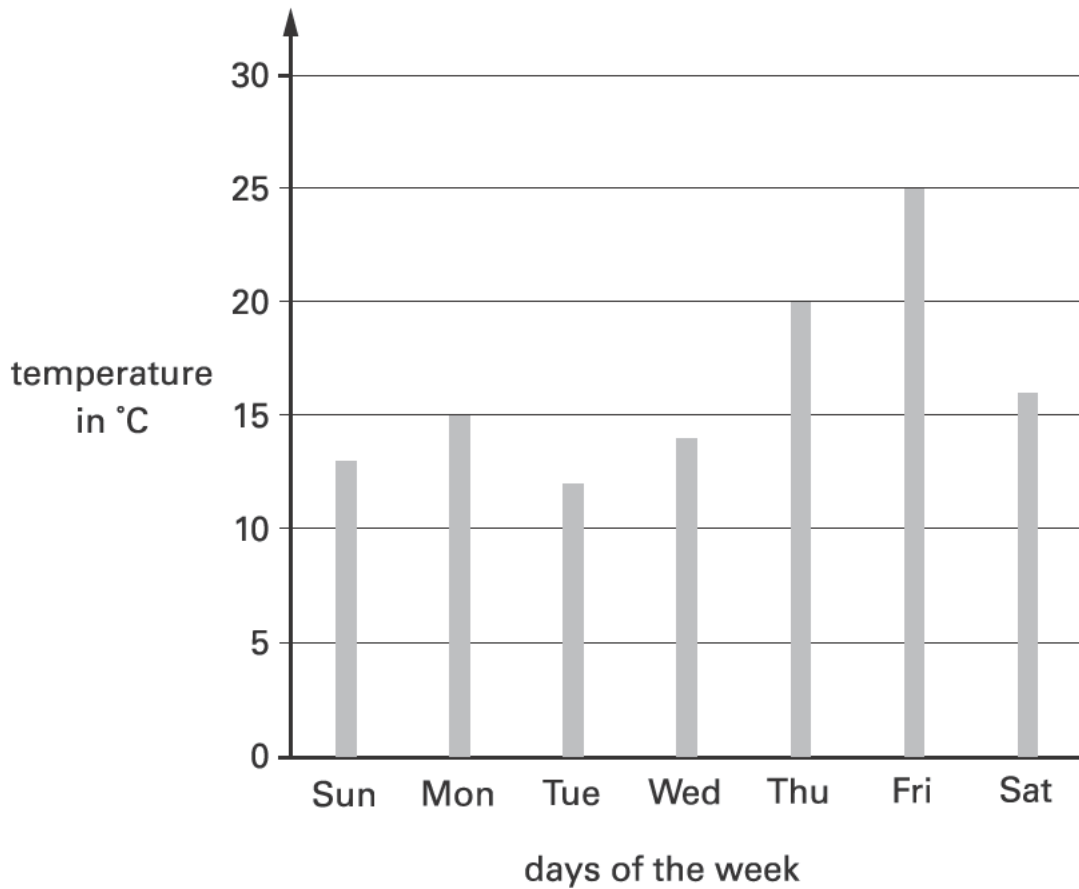


remainder

12

13

This graph shows the temperature at midday each day for a week.



**Estimate** how much higher the temperature was on Friday than on Saturday.



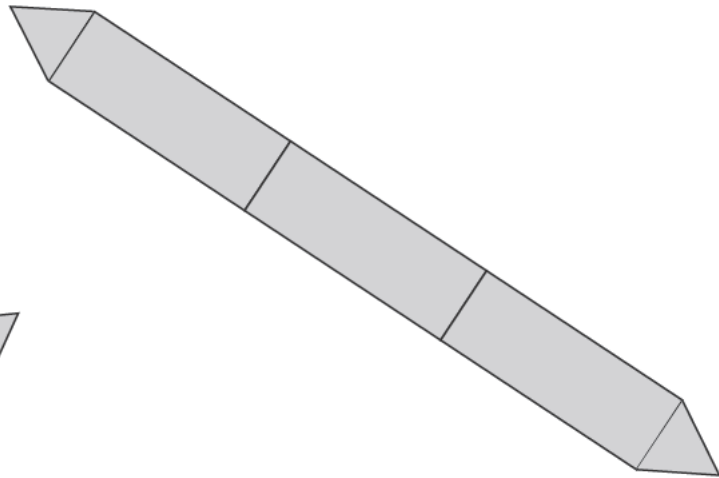
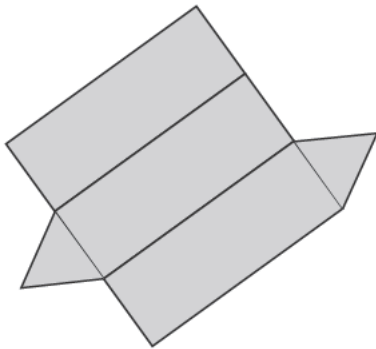
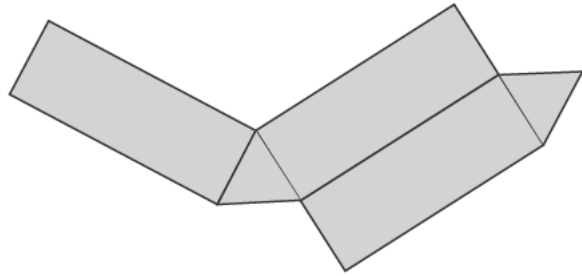
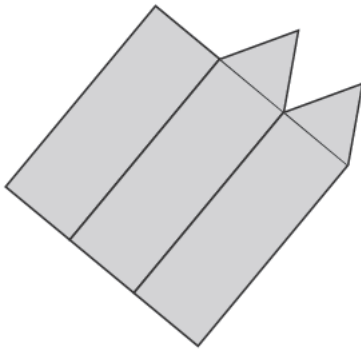
°C

13

14

Two of these diagrams are nets for a triangular prism.

Put a tick (✓) in them.



**15**

Write in the missing number.



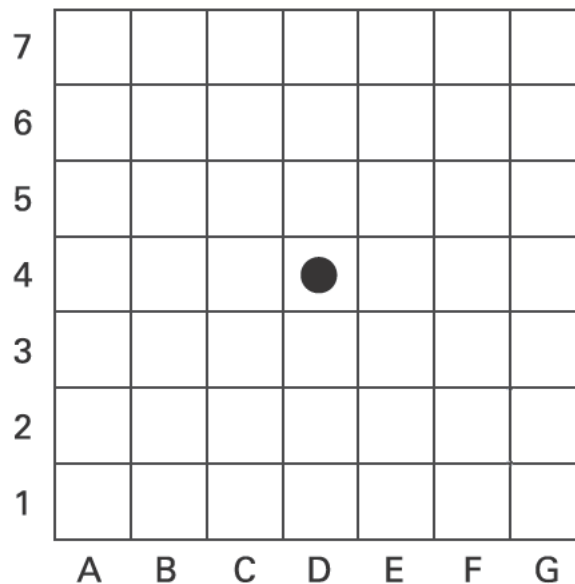
3400

÷

=

100

15

**16**Lisa places a counter on square **D4**

North

She moves it **2 squares east and 3 squares south**.

Write the position of the square she moves it to.



16

17

Calculate  $846 + 478$



17

18

Draw **two more** lines to match **3500** to numbers with the same value.



3500



35 hundreds

3500 ones

35 tens

350 tens

350 hundreds

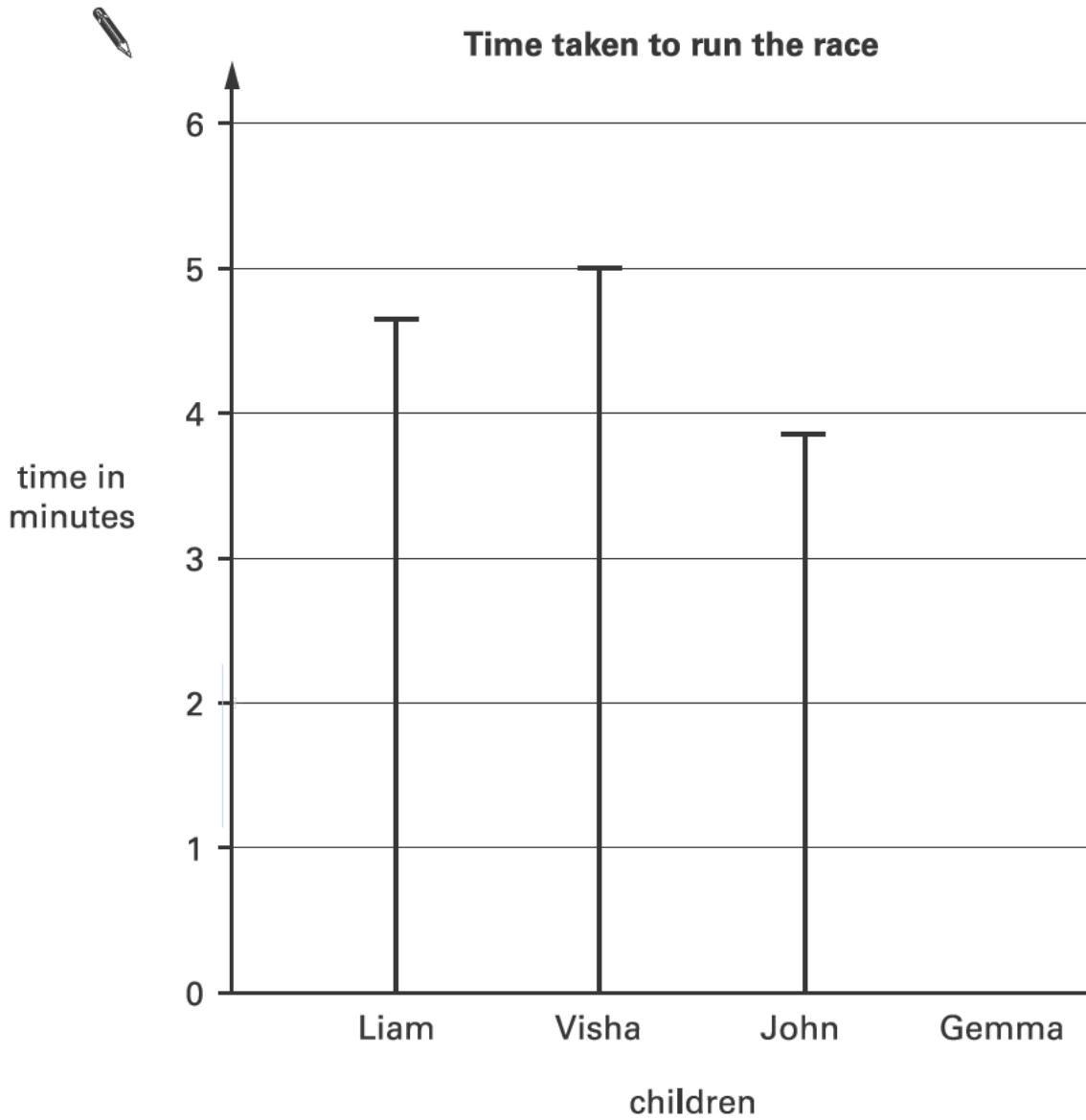
18

19

Four children run in a race.

Gemma takes 5 minutes 20 seconds.

Complete the graph for Gemma.



20

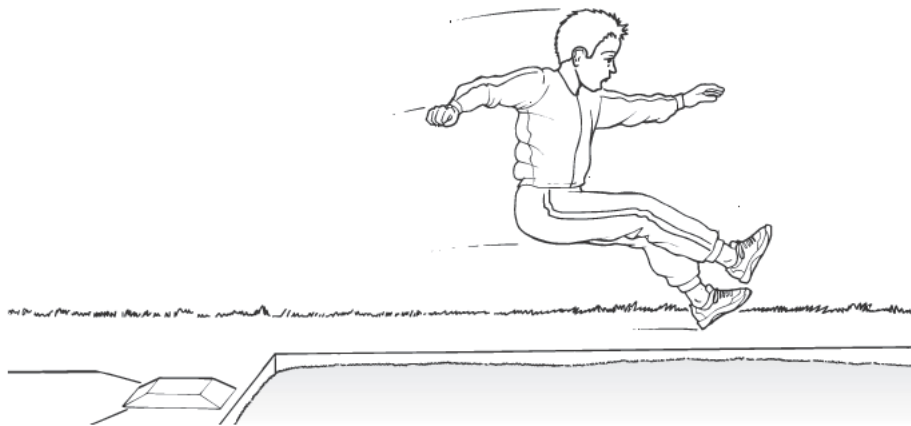
Calculate  $453 \times 8$ 

20

21

Max jumped **2.25 metres** on his **second** try at the long jump.

This was **75 centimetres** longer than on his **first** try.



How far **in metres** did he jump on his **first** try?

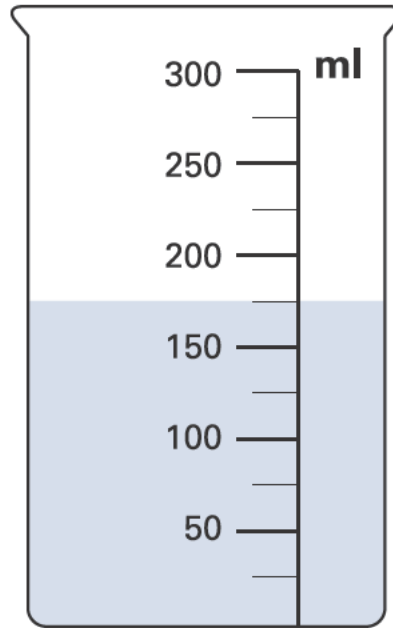
 m

21



22

David puts this amount of water in a container.



Then he pours **50 millilitres** of the water out.

How much water is left in the container?



22

23

Parveen has the **same number** of 20p and 50p coins.

She has £7.00

How many of **each** coin has she?



of **each** coin

23

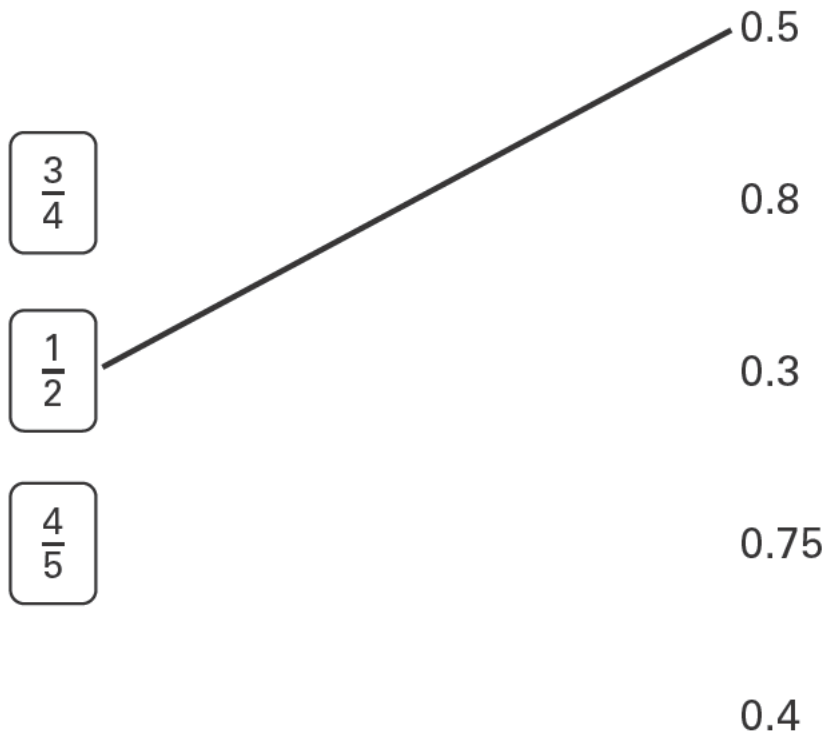
**24**Calculate  $8.52 - 7.78$ 

24

**25**

Match each box to the number which has the same value.

One has been done for you.

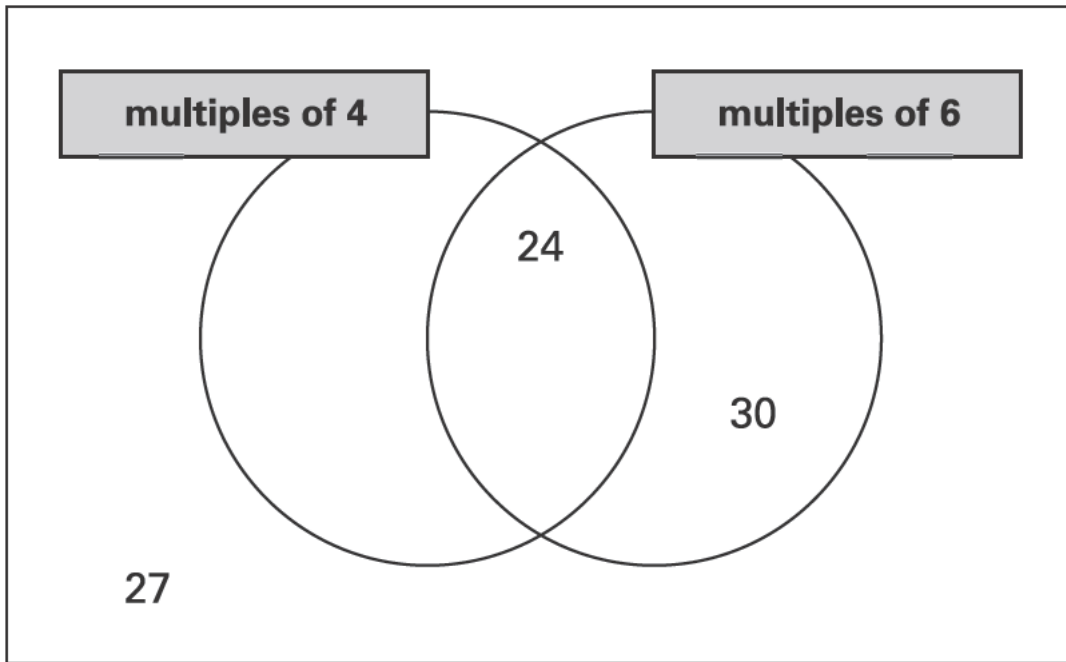


25

26

Write these numbers in the correct places on this sorting diagram.

16      26      36



27

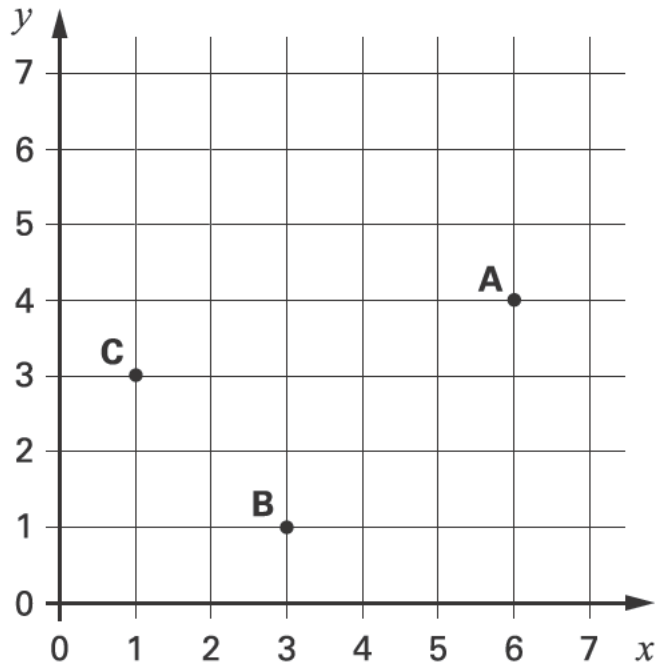
4 pineapples cost £3.40



Calculate the cost of 1 pineapple.



p

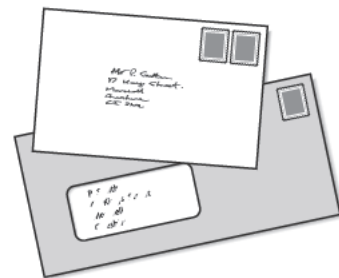


A, B and C are three corners of a rectangle.

What are the coordinates of the fourth corner?




Two letters have a total weight of **120 grams**

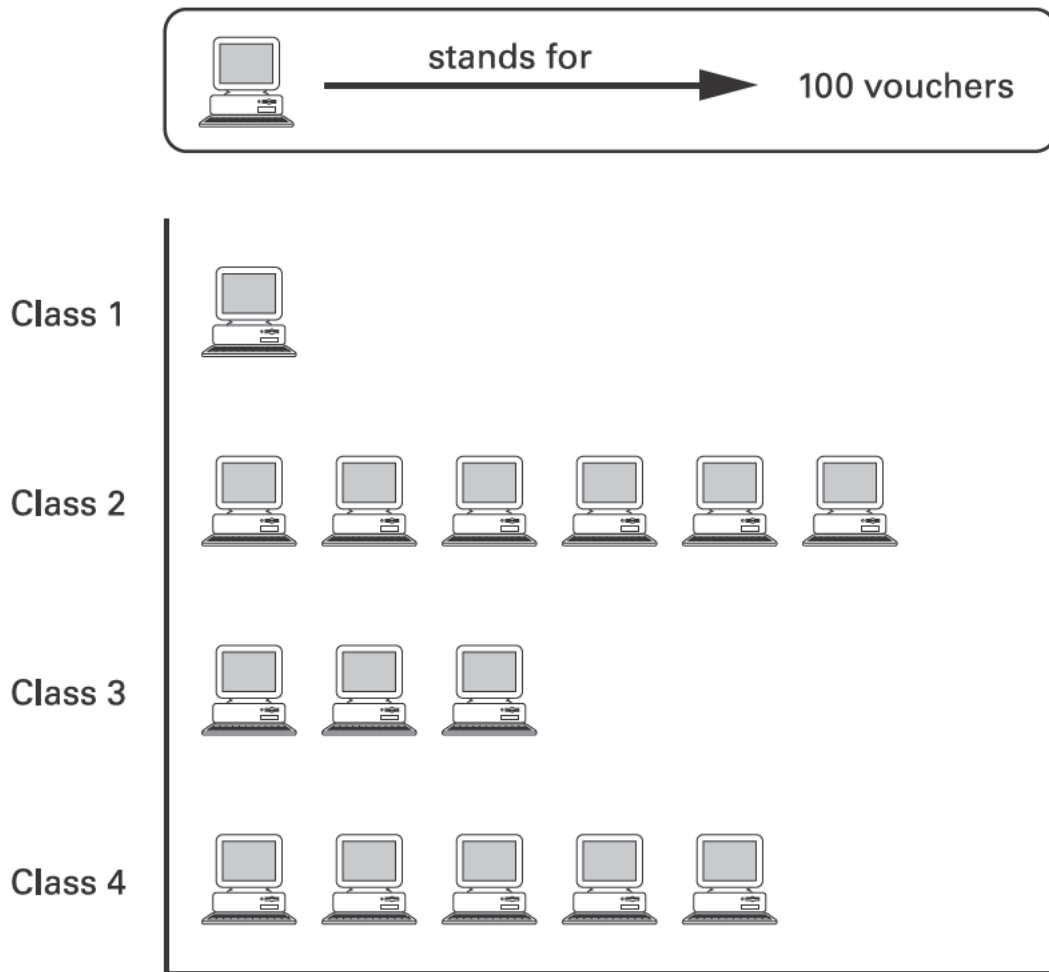


One letter weighs **twice as much** as the other.

Write the weight of the **heavier** letter.



The children at Brook School collect computer vouchers.



Altogether, they need 10000 vouchers to get a computer.

How many **more** vouchers do they need?



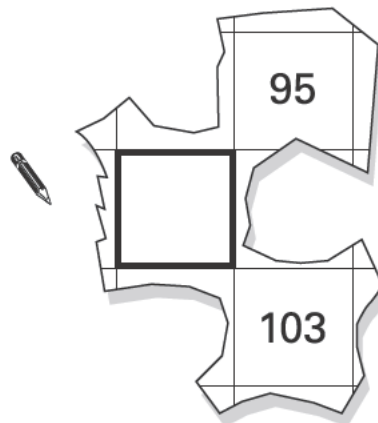
**vouchers**

Here is part of a number grid.

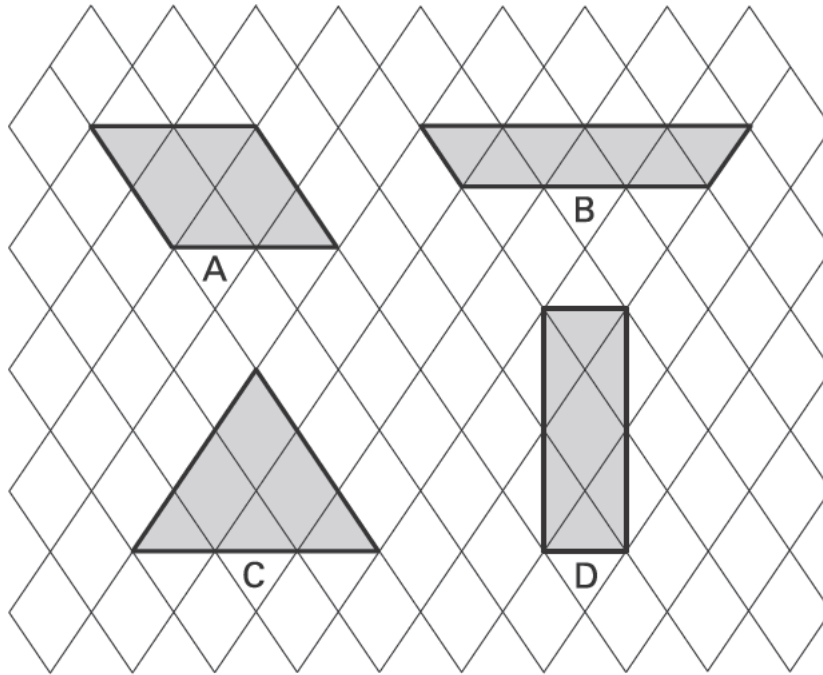
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Here is another part of the **same** grid.


Write in the missing number.





Here are some shapes drawn on a grid.




Write the letters of the **two** shapes that are equal in area.

 ..... and .....

 and  each stand for a different number.

$$\square = 34$$

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

What is the value of  ?

