

**Ma**

YEAR

**4**

LEVELS

**2–3**

TEST

**4a**

# Mathematics

## Test 4a



**Name**

**Date**

Total marks



## Getting started



This shows you where you need to put the answer.

Some questions have an answer box like this:

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

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**

209

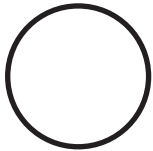
565

450

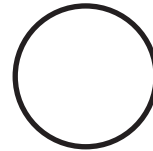
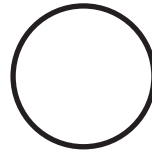
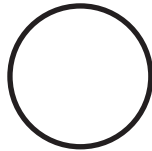
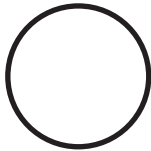
405

124

Write these numbers in order in the circles.



largest



smallest

1

**2**

Look at each number sentence.

Put a tick (✓) if it is correct.

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



$$8 \times 2 = 8 + 8$$

☐

$$3 \times 10 = 3 + 3 + 3$$

☐

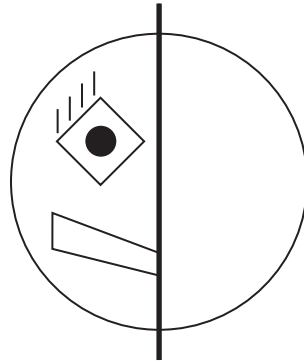
$$5 \times 4 = 5 + 5 + 5 + 5$$

☐

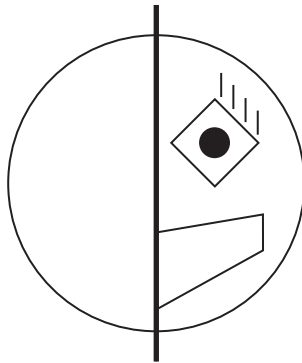
2

3

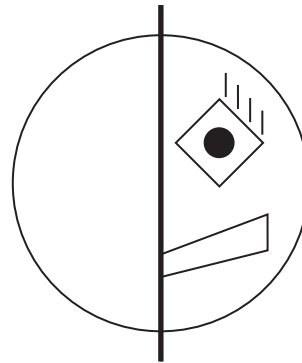
Here is half of a symmetrical picture.



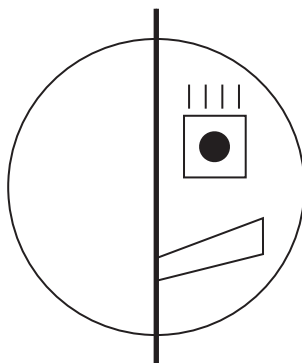
Which of these is the reflection of the picture?  
Write its letter.



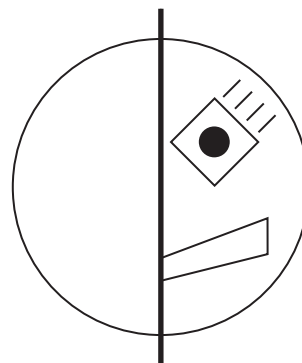
A



B



C



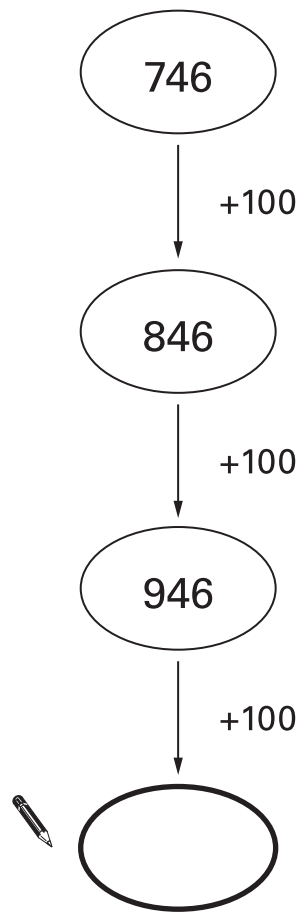
D



.....

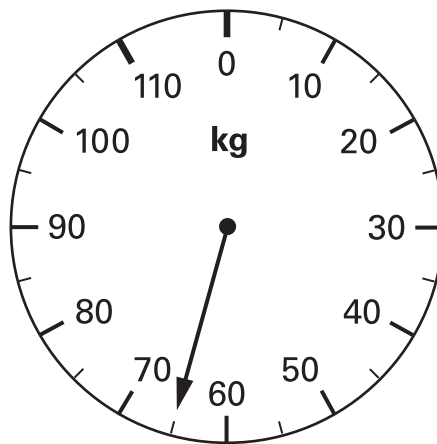
4

Write in the missing number.



5

This scale shows how much Mrs Patel weighs.



How much does Mrs Patel weigh?



kg

6

Calculate **127 + 57**



6

7

Write each letter in the correct place on the diagram.

One has been done for you.

T N P S



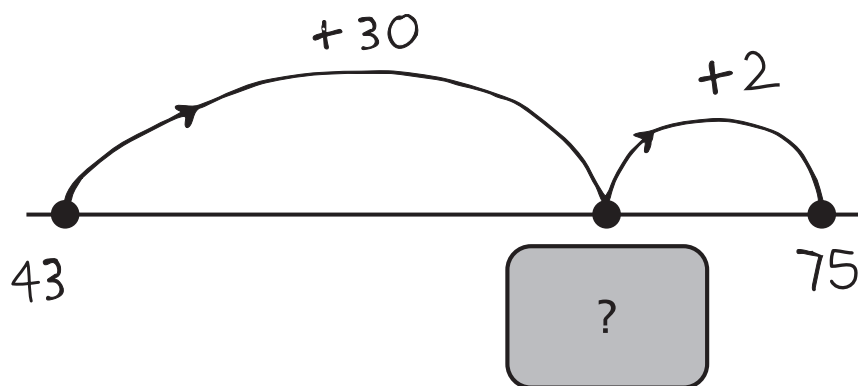
	curved lines	no curved lines
straight lines		
no straight lines	S	

7i

7ii

8

Molly drew a number line to find the answer to  $43 + 32$



What number is hidden under the card?




8

9

Chen has **£9.10**

He wants to buy a game which costs **£11.50**

How much **more** does he need to save?



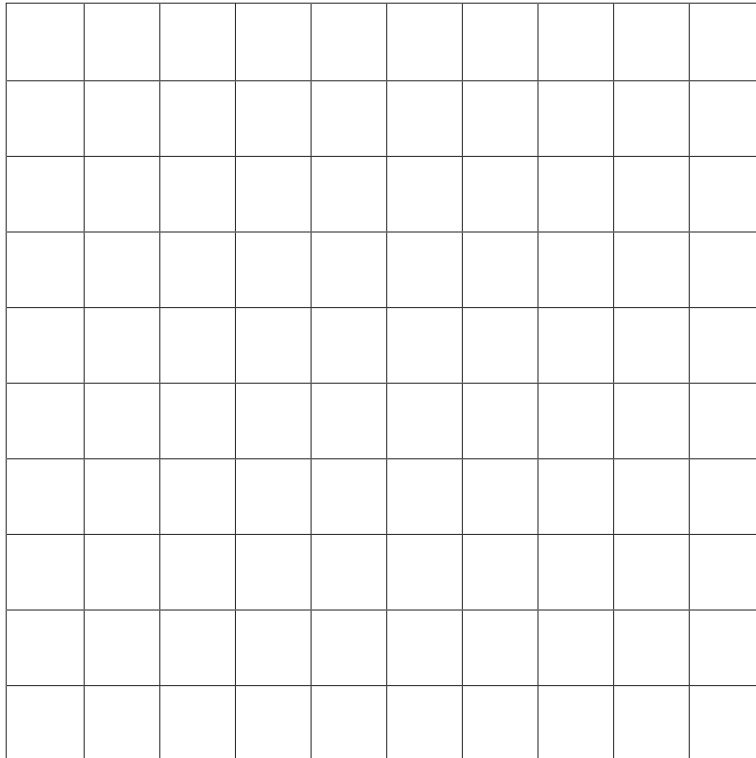

9



10

Here is a centimetre grid.

Draw a **rectangle** whose **longer sides** are **6cm**



10

11

Ryan collects 2 comics each month for a whole year.

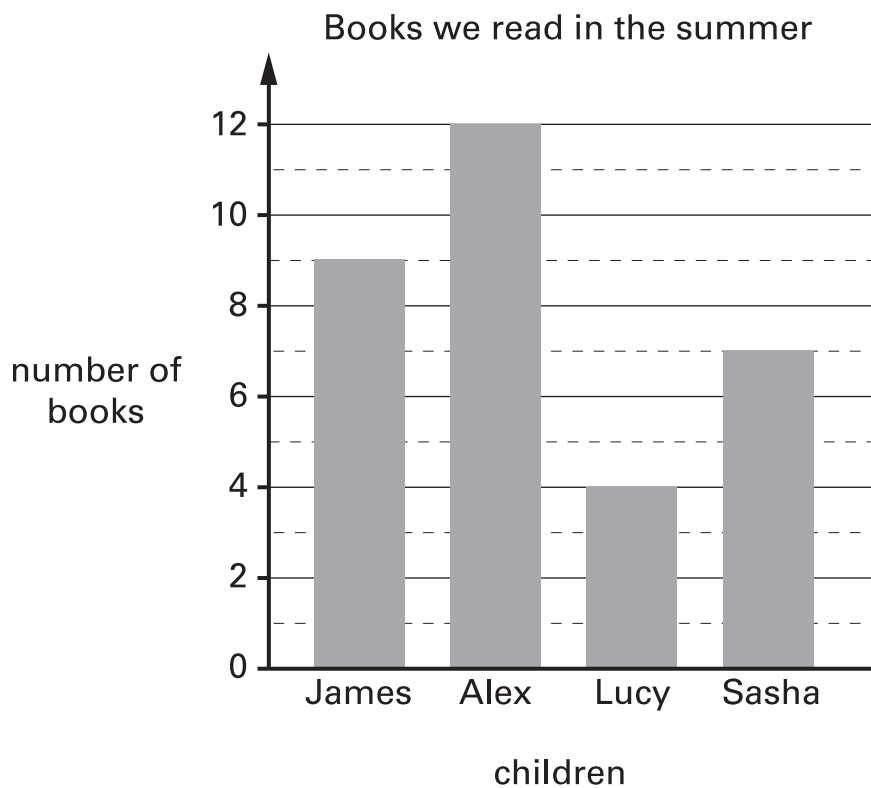


How many comics does he collect in a year?




11

This graph shows the number of books some children read.



How many more books did James read than Lucy?



books

12a

Which two children read **between 5 and 10** books?



..... and .....

12b

13

Here is a multiplication.

$$6 \times 10 = 60$$

Write a **division** which uses these **same 3 numbers**.




13

14

Zinzi has a rod **15** cubes long.



She breaks it into two pieces.

One piece is **1** cube longer than the other.

How many cubes are in **each** piece?




**cubes**

and

**cubes**

14

15

**Two** of these sentences could be true.

Tick (✓) the **two** sentences that could be true.



Adam's pencil is **12 centimetres** long.

☐

Leah is **12 metres** tall.

☐

Jake's glass holds **12 litres** of milk.

☐

Kate's younger sister weighs **12 kilograms**.

☐

15

16

Draw **another** line **3cm longer** than this line.

Use a ruler.



16

17

Calculate **123 – 89**

17

18

Here are two signs.



Use the signs to make these correct.



52

17

19

91

50

34

18

19

Here are some numbers.

246

367

458

Circle **two** of these numbers.

Add them together.

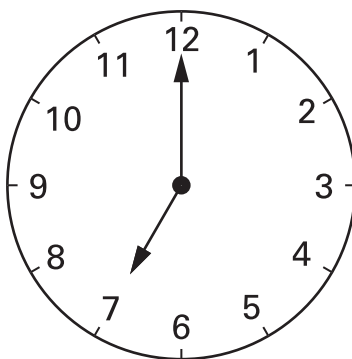
Write your answer.



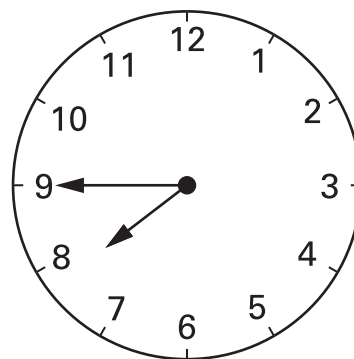
19

20

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



**start**



**finish**

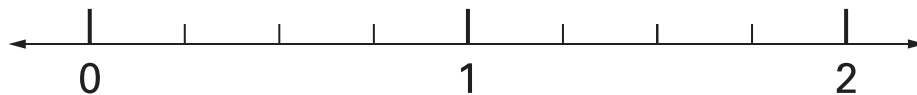
For how many minutes does the programme last?



20

21

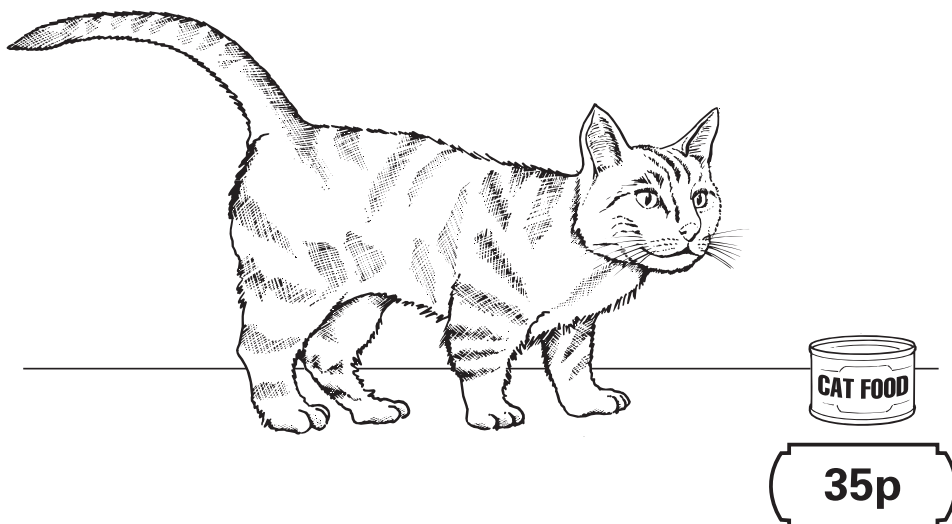
Draw an arrow ( $\downarrow$ ) on the number line to show  $1\frac{3}{4}$



21

22

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.

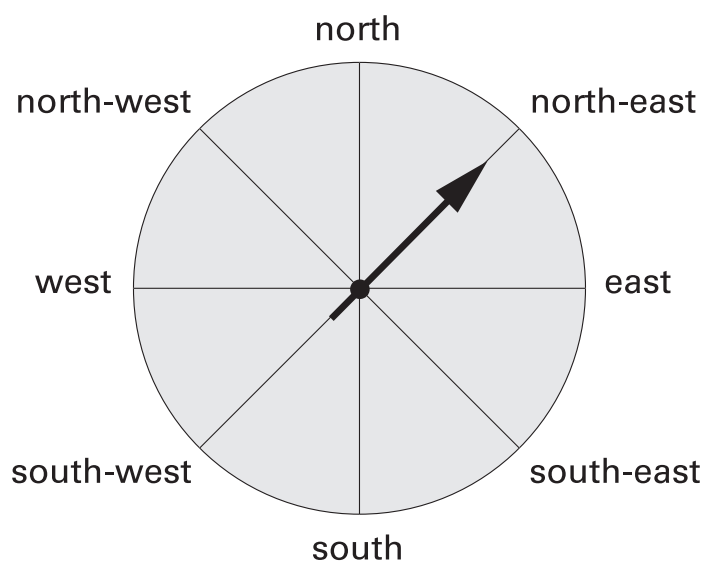
£

22i

22ii

23

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?



.....

23

24

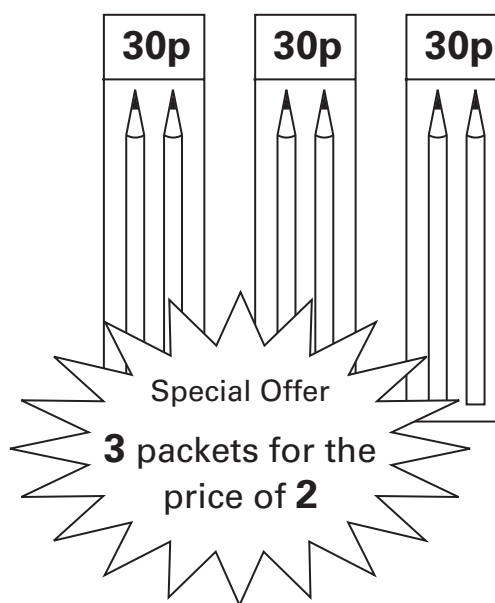
Circle the **two** fractions that are **greater than**  $\frac{1}{2}$


 $\frac{1}{8}$ 
 $\frac{6}{10}$ 
 $\frac{5}{8}$ 
 $\frac{3}{10}$ 

24



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.

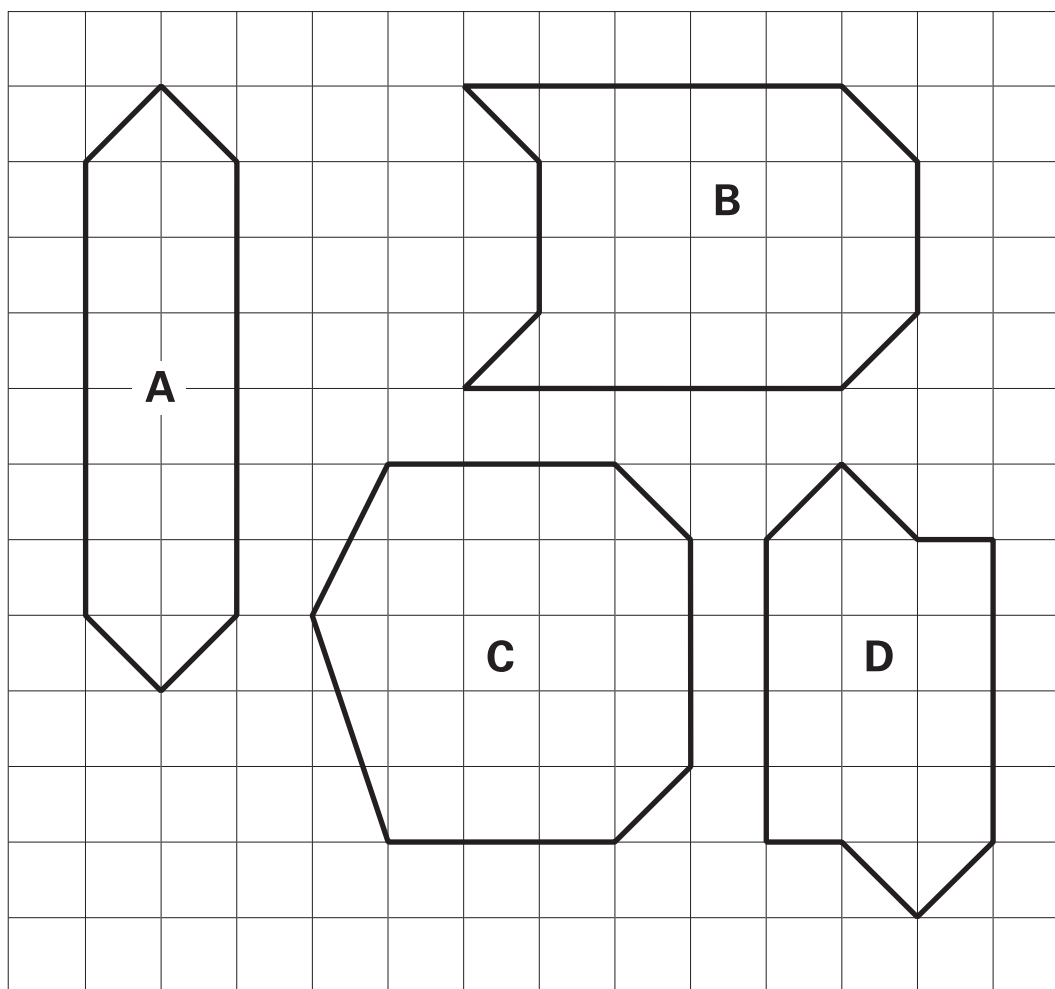


.....

.....

.....

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		✓

27

Write in the missing digits.

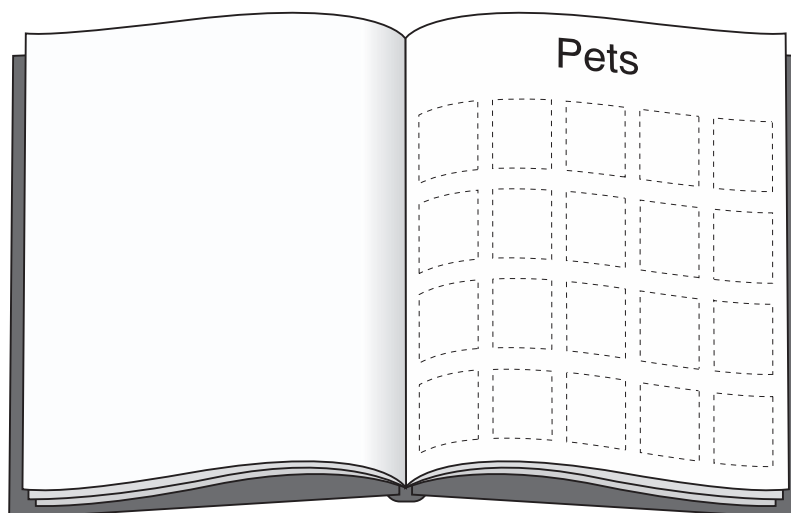


$$\begin{array}{|c|c|c|} \hline 1 & & 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 6 & \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 2 & 0 & 0 \\ \hline \end{array}$$

27

28

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

28

29

What is the remainder when you divide 53 by 8?

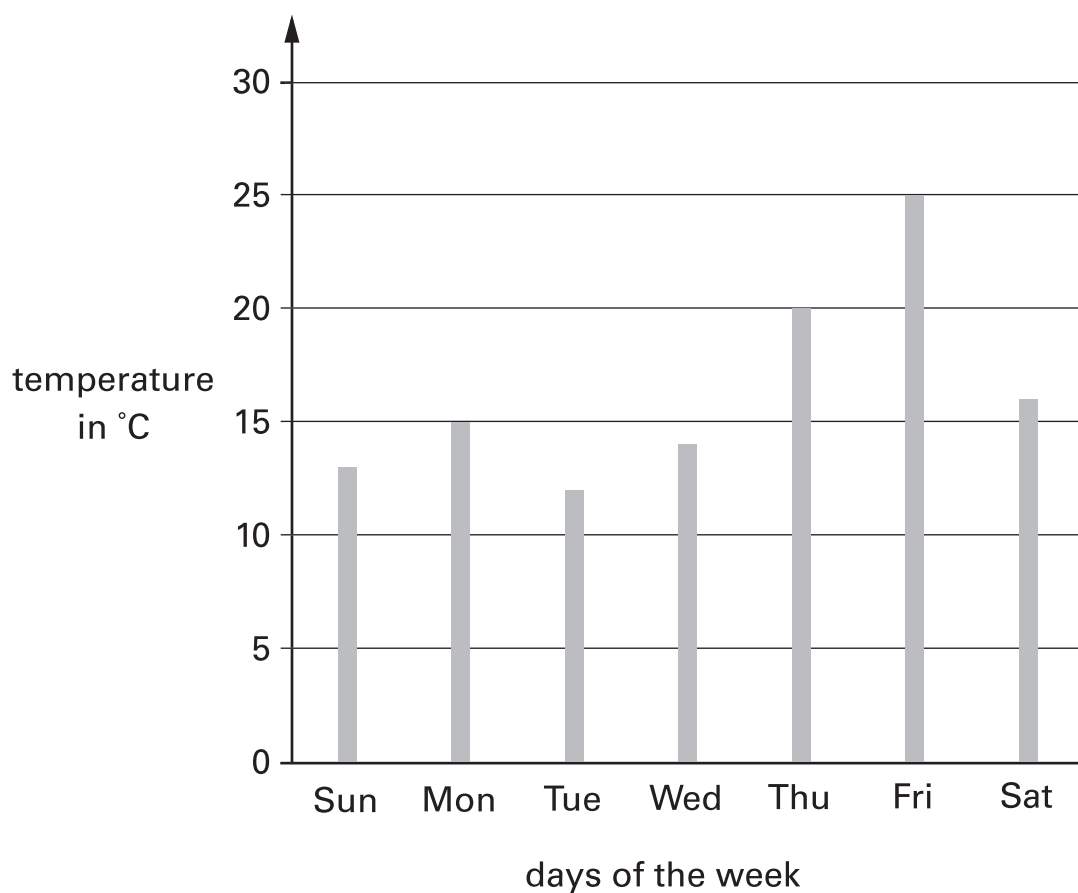


remainder

29

30

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

30

31

Write in the missing number.



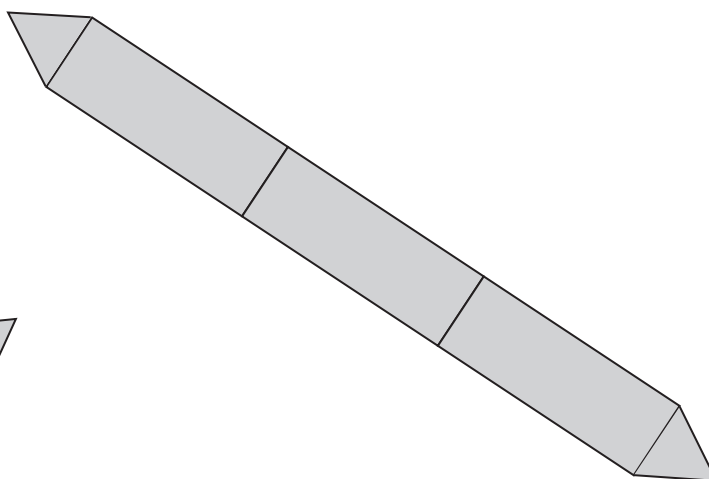
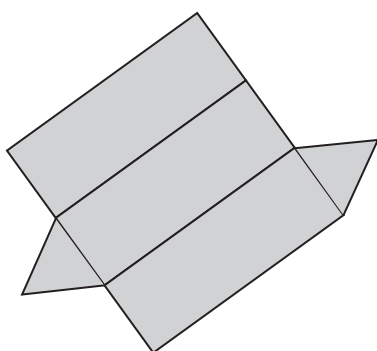
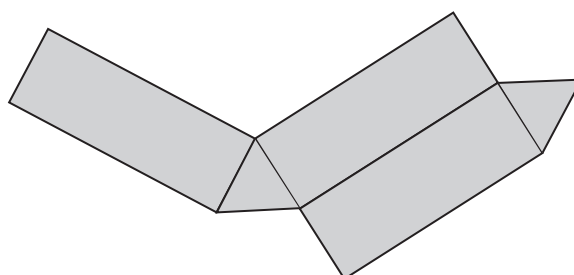
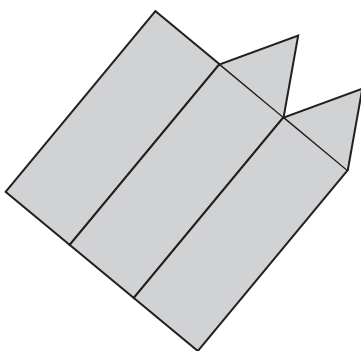
$$\times 4 = 96$$

31

32

Two of these diagrams are nets for a triangular prism.

Put a tick (✓) in them.



32

End of test

Blank page

