

**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:

A large rectangular box representing an answer area. In the top-left corner, there is a small pencil icon. On the left side, there is a callout bubble containing the text: "Show your **working**. You may get a mark." An arrow points from the bubble towards the right side of the box. In the bottom-right corner of the box, there is a smaller, empty rectangular box representing an answer 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

209

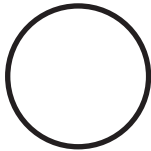
565

450

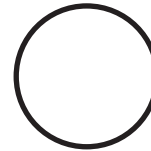
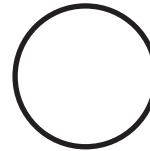
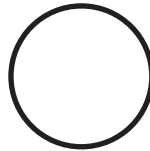
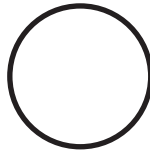
405

124

Write these numbers in order in the circles.



largest



smallest

2

Look at each number sentence.

Put a tick (✓) if it is correct.

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



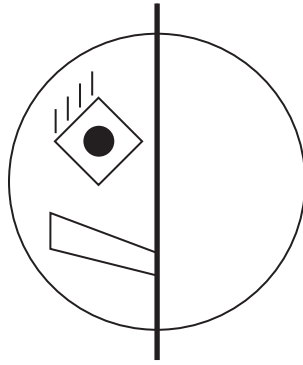
$$8 \times 2 = 8 + 8$$

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

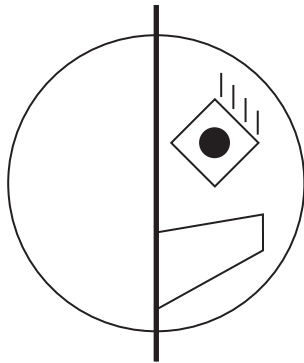
$$5 \times 4 = 5 + 5 + 5 + 5$$

3

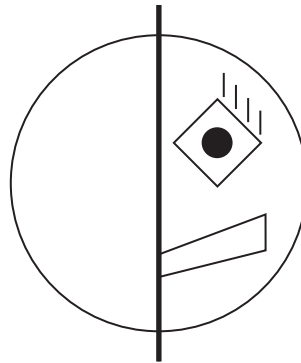
Here is half of a symmetrical picture.



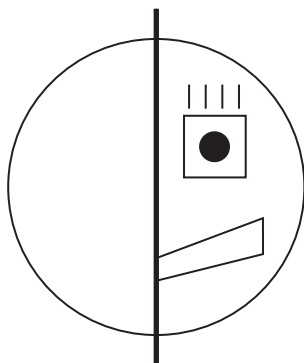
Which of these is the reflection of the picture?  
Write its letter.



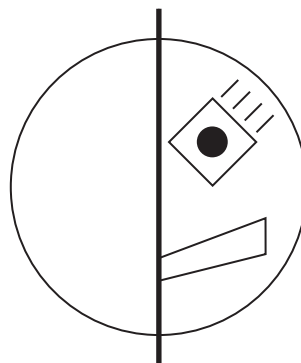
A



B



C



D



.....

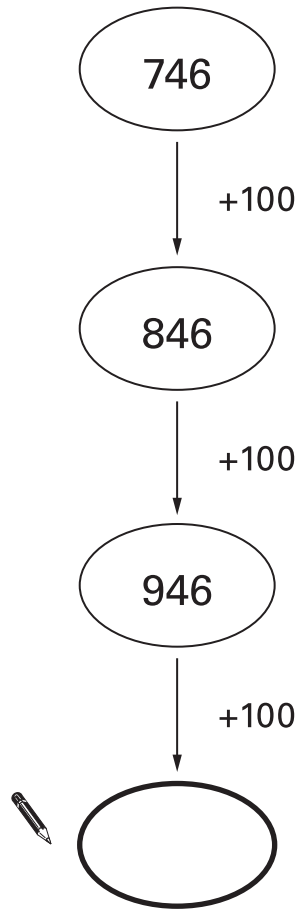
3

5

Total

4

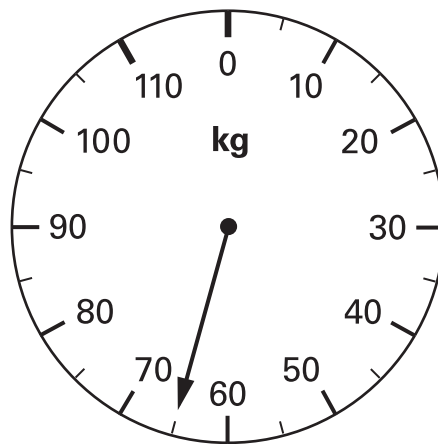
Write in the missing number.



4

5

This scale shows how much Mrs Patel weighs.



How much does Mrs Patel weigh?



kg
----

5

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



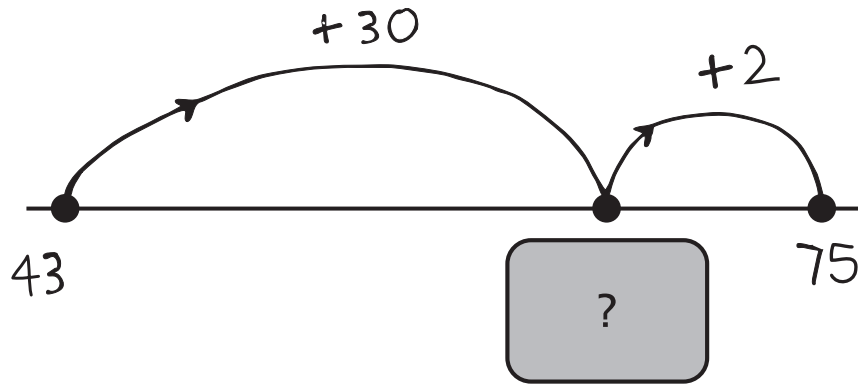
	curved lines	no curved lines
straight lines		
no straight lines	S	

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?



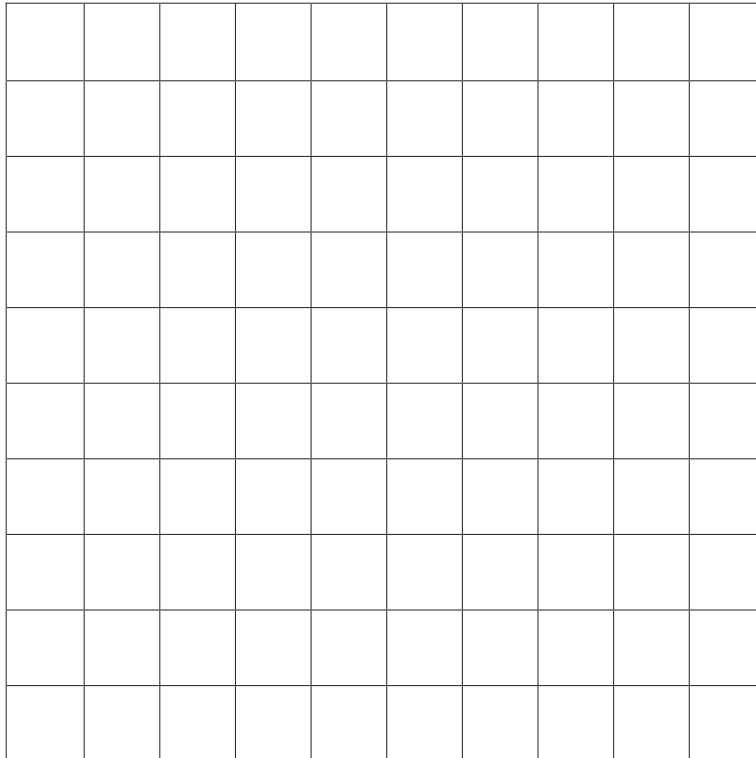
9



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.

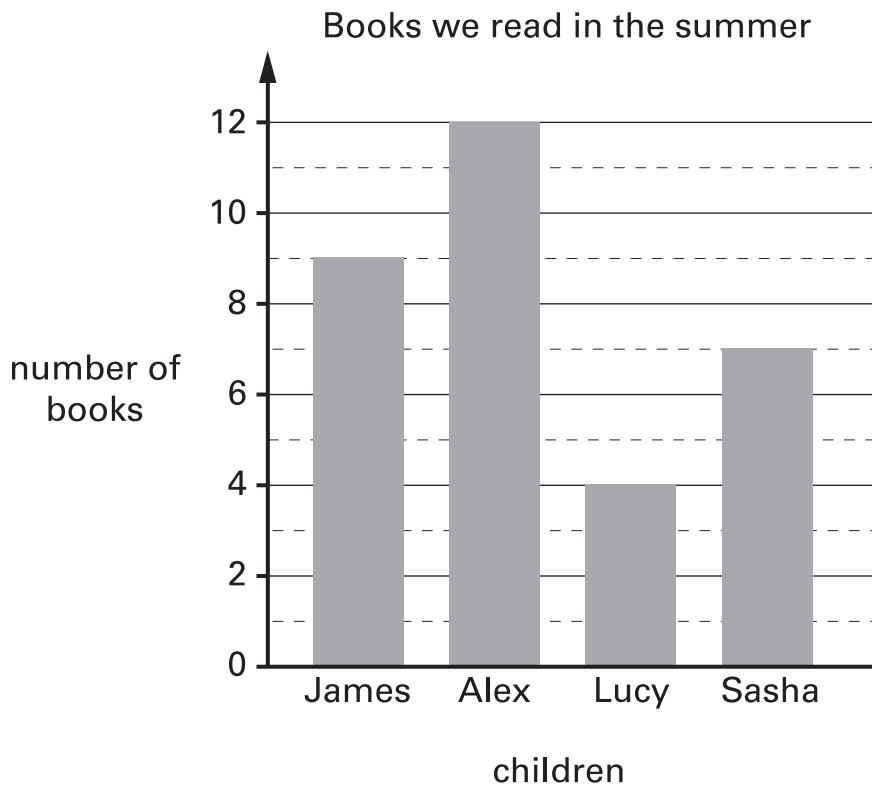


How many comics does he collect in a year?



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?



and

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.

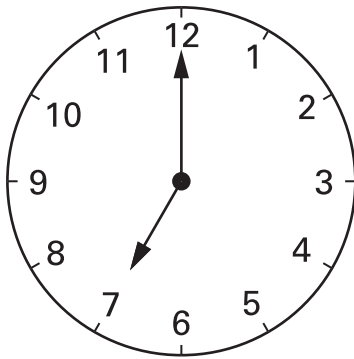
Write your answer.



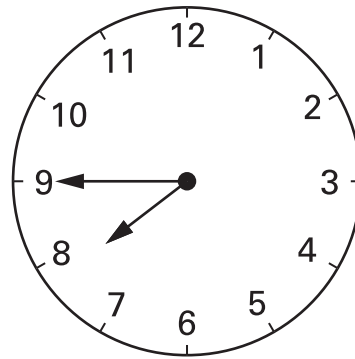
19

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

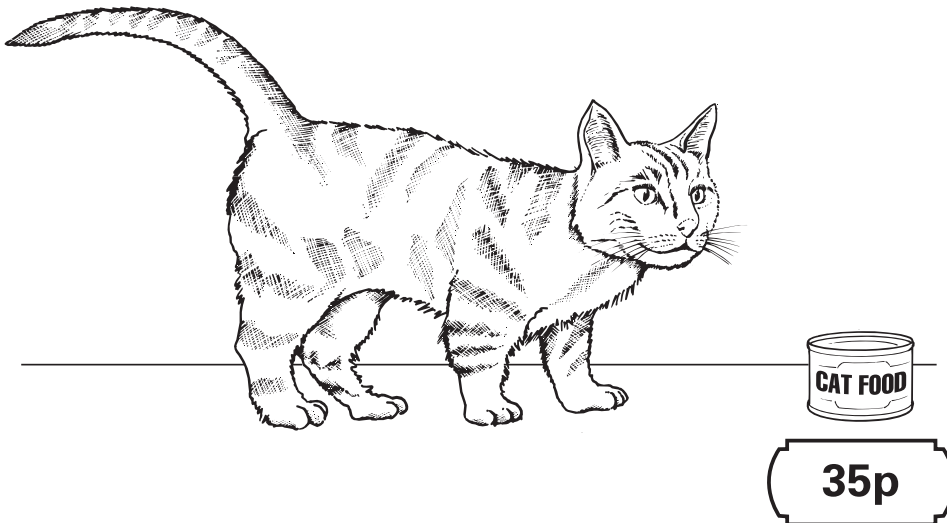
Draw an arrow ( $\downarrow$ ) on the number line to show  $1\frac{3}{4}$



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.

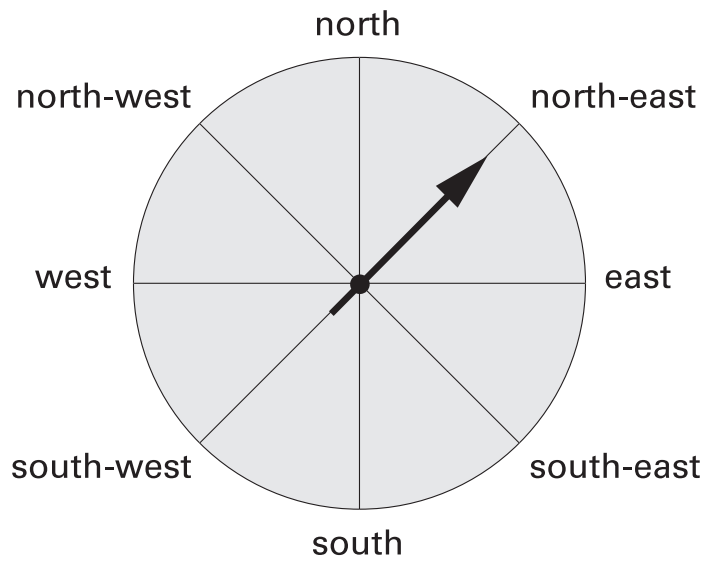
£

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



$\frac{1}{8}$

$\frac{6}{10}$

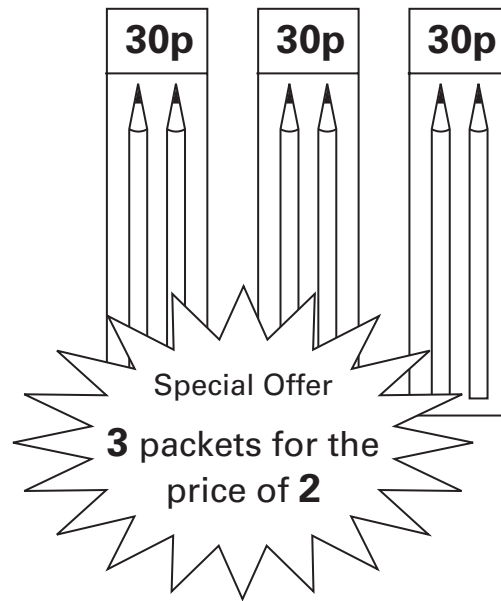
$\frac{5}{8}$

$\frac{3}{10}$

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.

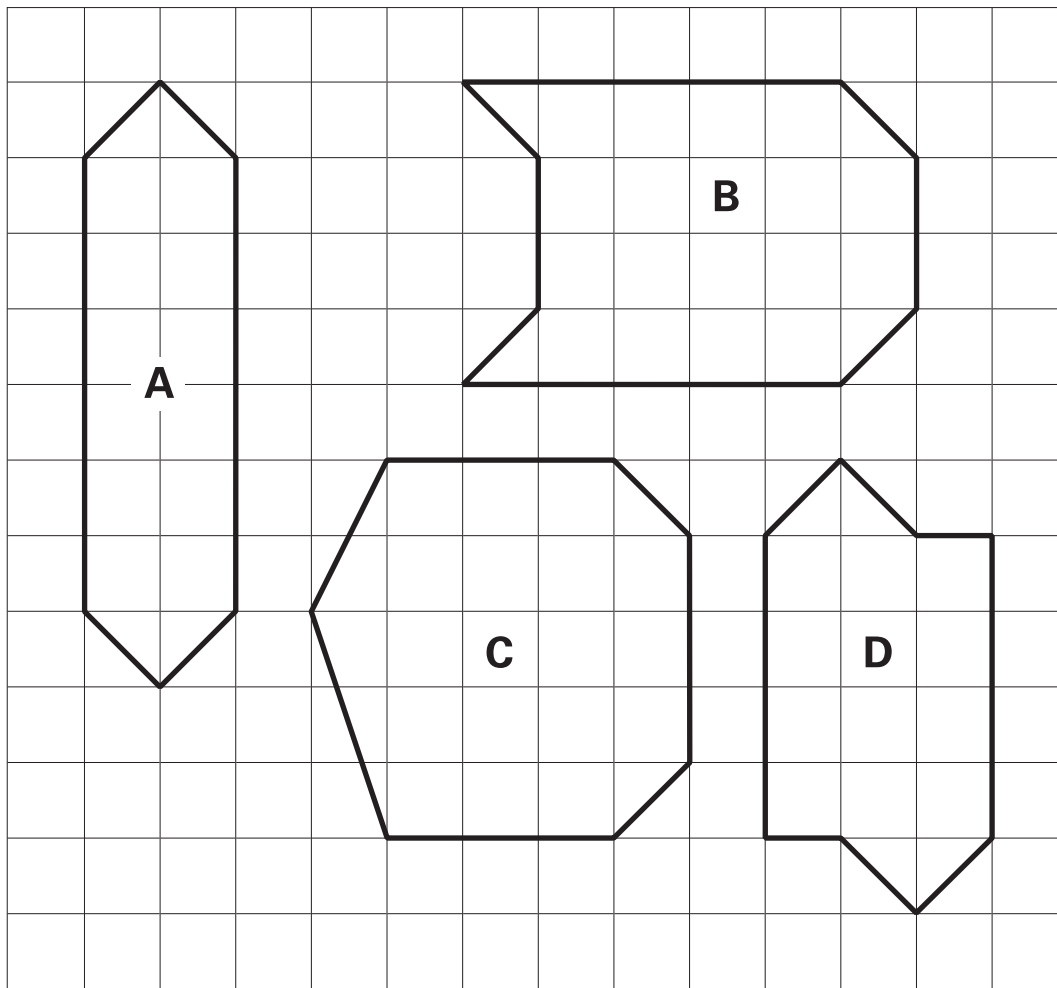


.....

.....

.....

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.

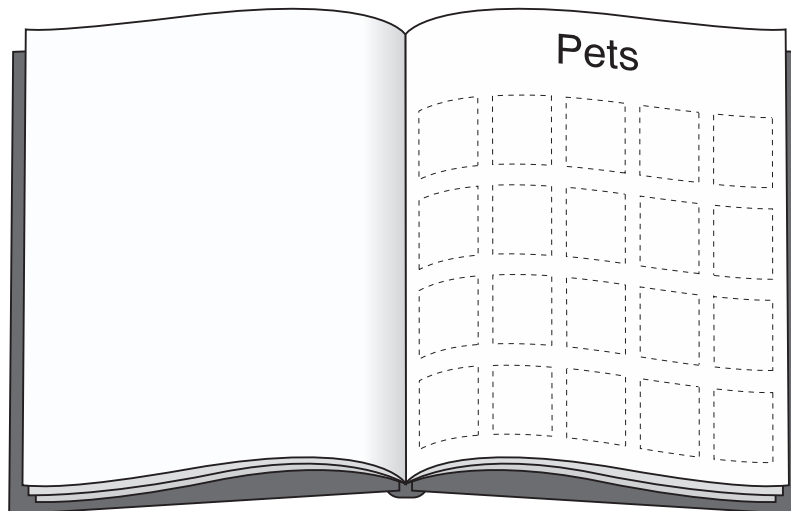


$$\begin{array}{|c|c|c|} \hline 1 & & 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 6 & \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 2 & 0 & 0 \\ \hline \end{array}$$

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?

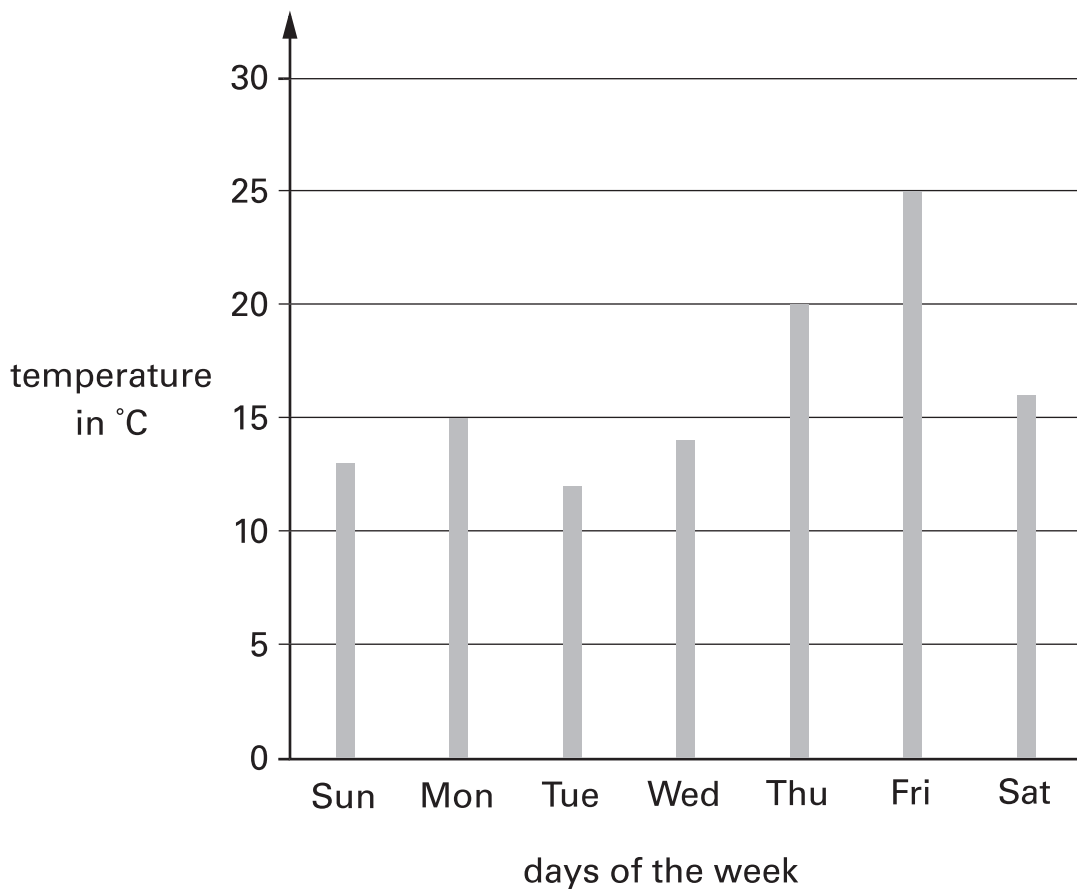


remainder

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.



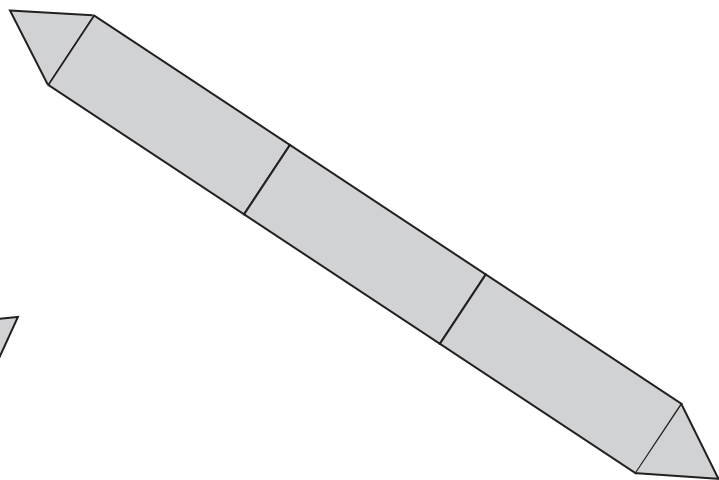
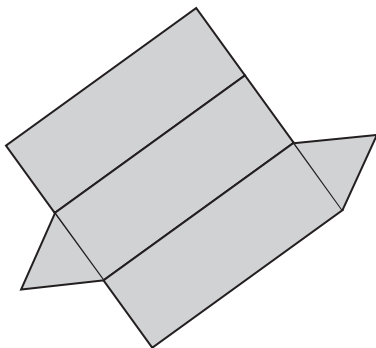
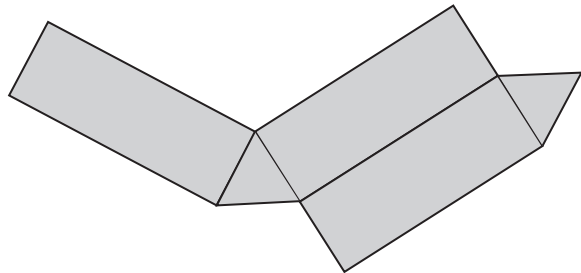
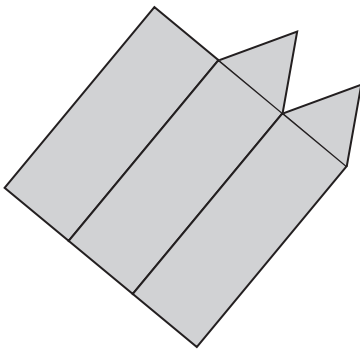
$$\times 4 = 96$$

31

32

Two of these diagrams are nets for a triangular prism.

Put a tick (✓) in them.



32

End of test

Blank page

