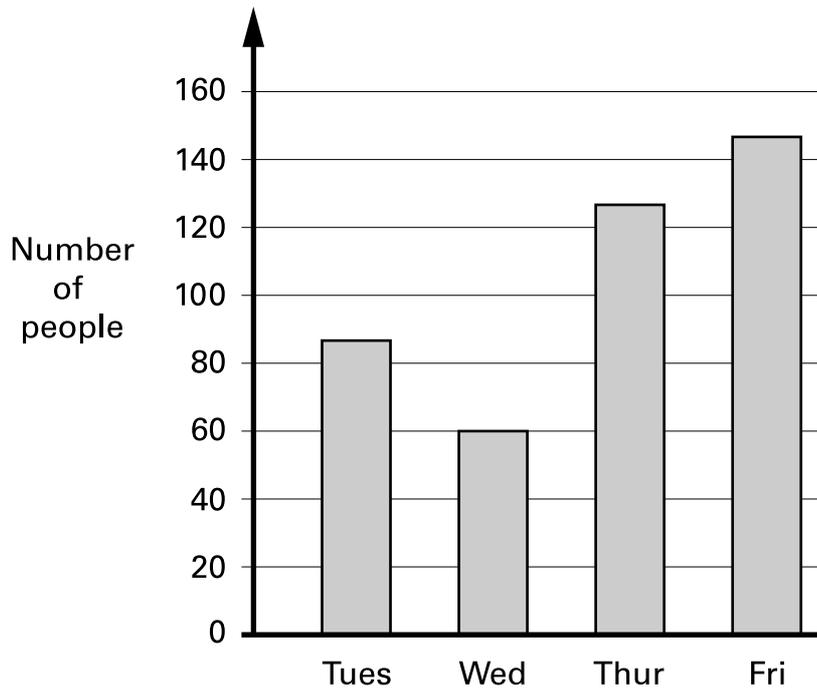


10

This bar chart shows how many people went to a school play.



Estimate the number of people who went there on **Thursday** and **Friday** altogether.



10a

1 mark

Each person paid **£2.25** for a ticket to get in.

How much **ticket money** was collected on **Wednesday**?



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

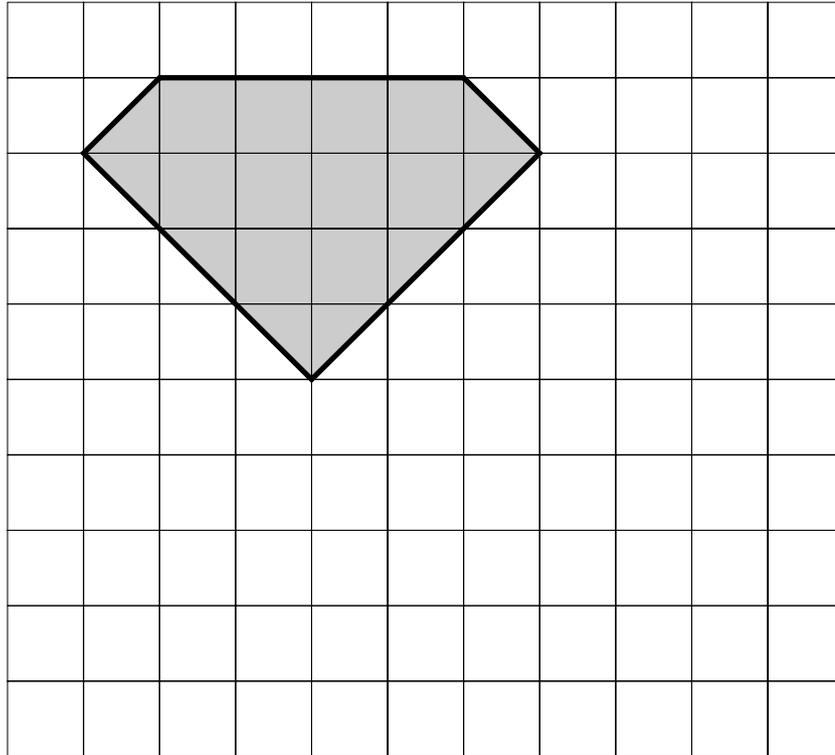
10b

2 marks

11

On the grid, draw a **rectangle** which has the **same area** as this shaded pentagon.

Use a ruler.



11
1 mark

12

Nadia is working with **whole** numbers.

She says,

'If you add a two-digit number to a two-digit number you cannot get a four-digit number'.

Is she correct? Circle Yes or No.



Yes / No

Explain why.



.....

.....

.....

12
1 mark

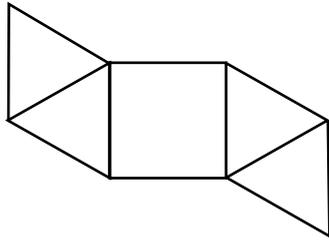


13

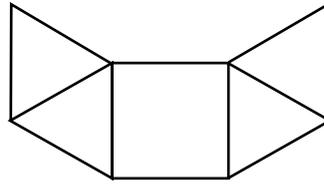
Look at each of these diagrams.

Put a tick (✓) if it is the **net of a square based pyramid**.

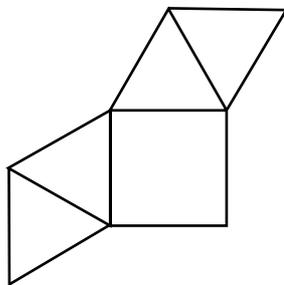
Put a cross (✗) if it is **not**.



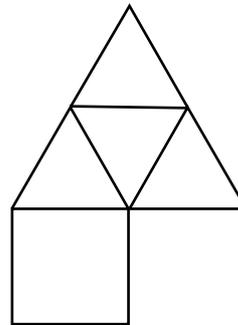
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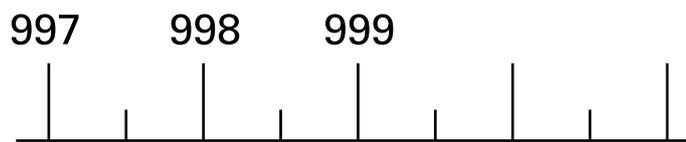
13

2 marks

14

Here is part of a number line.

Write the number shown by the arrow.



14

1 mark

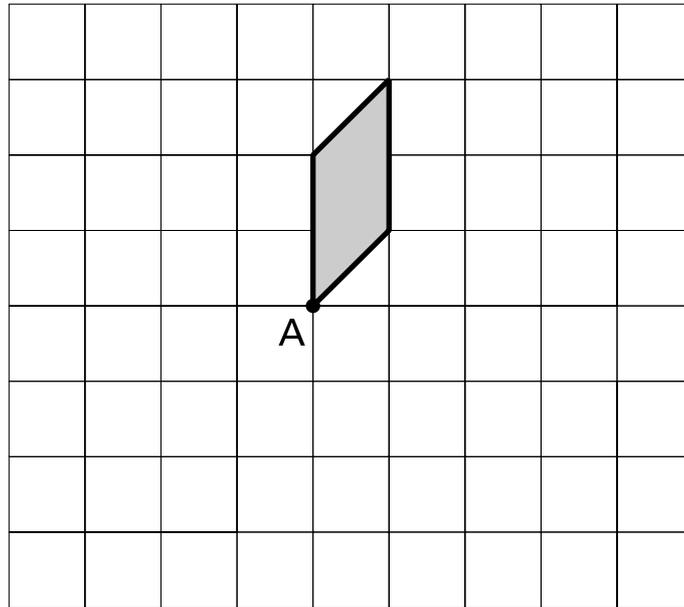
15

Here is a shaded shape on a grid.

The shape is **rotated 90° clockwise** about point **A**.

Draw the shape in its **new position** on the grid.

You may use tracing paper.



15
2 marks

16

Calculate **60%** of **765**



16
1 mark



17

Put a tick (✓) in the correct box for each calculation.

Use a calculator.

The first one has been done for you.

	less than 1000	equal to 1000	more than 1000
$8.9 \times 9.9 \times 11.9$			✓
$(786 - 387) \div 0.41$			
$95.4 + (91 \times 9.95)$			
$12.5 \times (21.1 + 58.9)$			

17
2 marks**18** n stands for a number.

Complete this table of values.

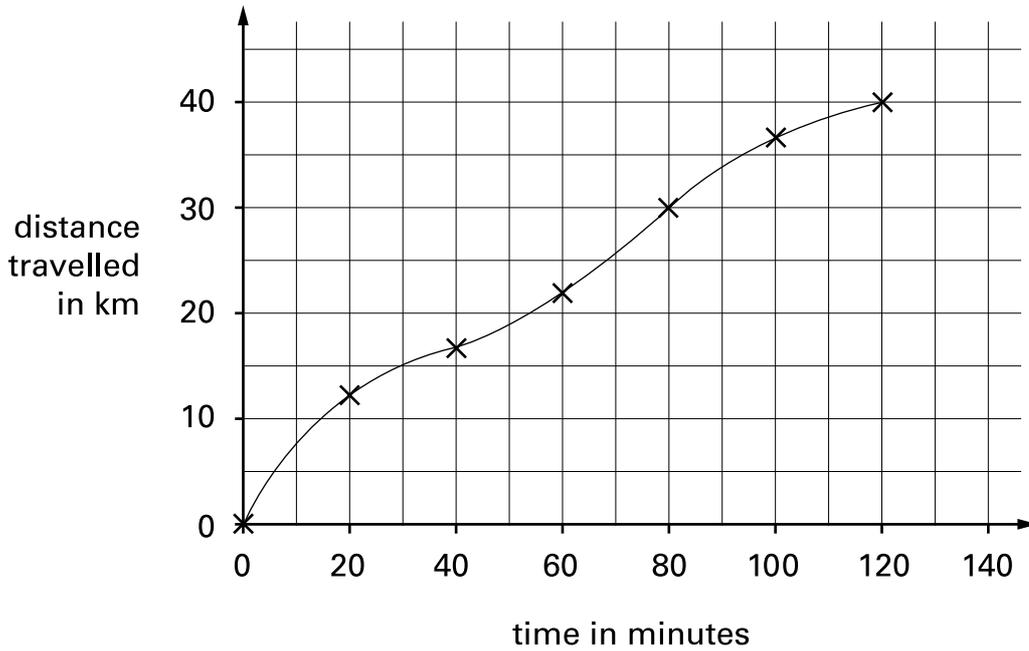
n	$5n - 2$
20	<input type="text"/>
<input type="text"/>	38

18a
1 mark18b
1 mark

19

Carol went on a **40-kilometre** cycle ride.

This is a graph of how far she had gone at different times.



How many minutes did Carol take to travel the **last 10 kilometres** of the ride?



19a

1 mark

Use the graph to estimate the distance travelled in the **first 20 minutes** of the ride.



19b

1 mark

Carol says,

'I travelled further in the first hour than in the second hour.'

Explain how the graph shows this.



.....

.....

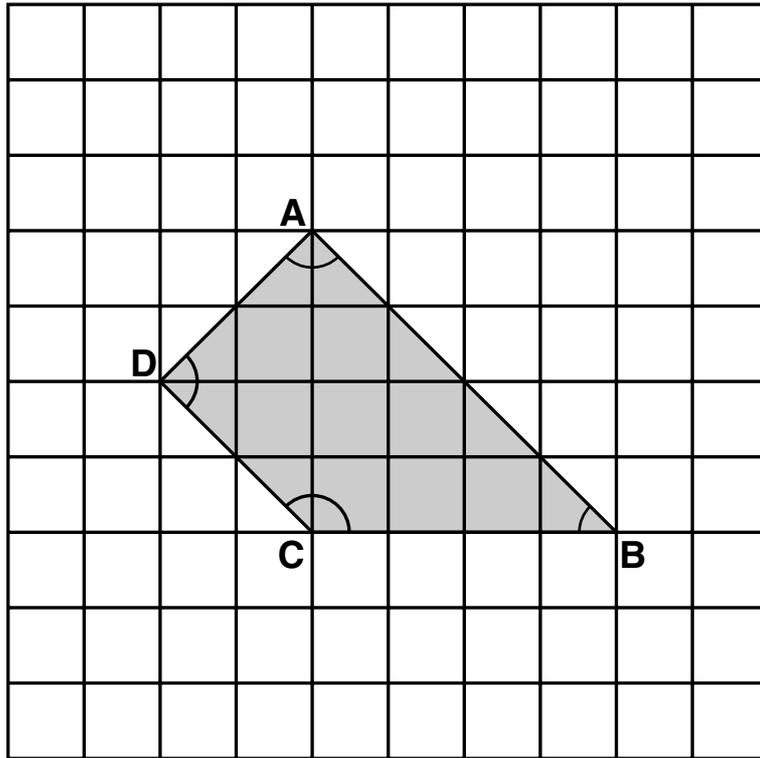
.....

19c

1 mark



Here is a shape on a square grid.



For each sentence, put a tick (✓) if it is true.
Put a cross (✗) if it is not true.



Angle **C** is an **obtuse** angle.

Angle **D** is an **acute** angle.

Line **AD** is **parallel** to line **BC**.

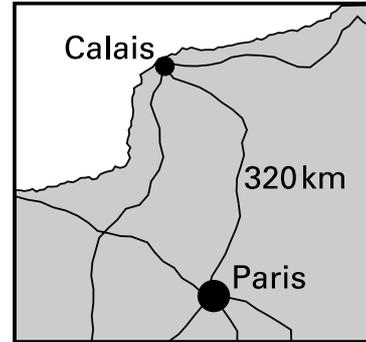
Line **AB** is **perpendicular** to line **AD**.

21

Here is a map of part of France.

The map shows that the distance from Calais to Paris is **320 kilometres**.

5 miles is approximately **8 kilometres**.



Use these facts to calculate the approximate distance in **miles** from Calais to Paris.



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

miles



21a

2 marks

Samira bought this present in France.

She paid **44.85 French Francs** for it.

9.75 French Francs equal **£1**



44.85 FF

What was the cost of the present in **pounds and pence**?



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

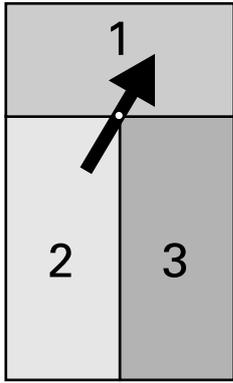
£



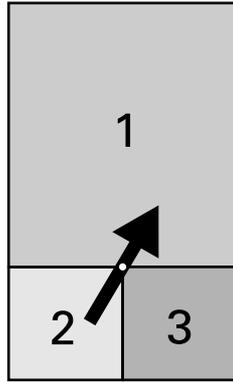
21b

2 marks

Katie made two spinners, A and B.



spinner A



spinner B

She says,

'Scoring a 1 on spinner A is just as likely as scoring a 1 on spinner B'.

Explain why Katie is correct.



.....

.....

.....

22

1 mark

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