

**1**

Write in the missing numbers.



+ 85 = 200

1a

1 mark

4 ×  = 120

1b

1 mark

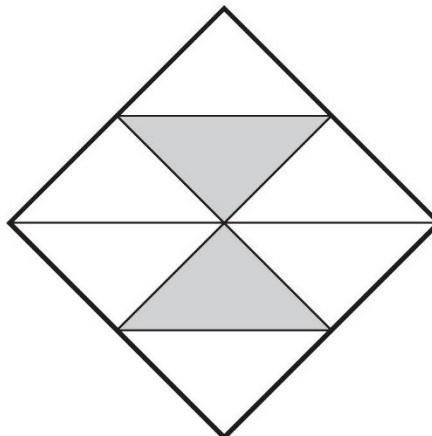
120 - 51 =

1c

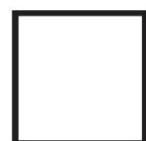
1 mark

**2**

Here is a square.



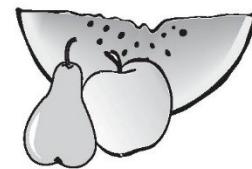
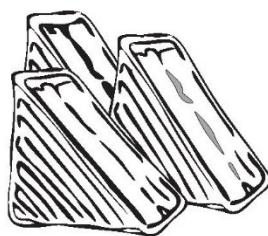
What fraction of the square is shaded?



2

1 mark

3



These are the prices of sandwiches, drinks and fruit.

Sandwiches	Drinks	Fruit
cheese £1.45	milk 55p	apple 15p
tuna £1.70	cola 45p	pear 20p
salad £1.20	juice 65p	melon 25p

Shereen buys a **tuna** sandwich, **milk** and a **pear**.

How much does she pay?




3a

1 mark

Mike has 80p to spend on a **fruit** and a **drink**.

What **two** things can he buy for exactly **80p**?

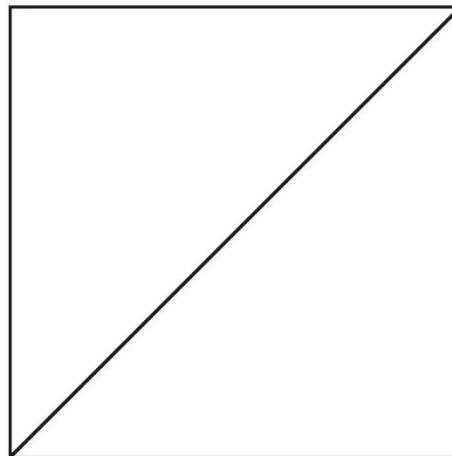


..... and .....

3b

1 mark

4



Measure accurately the length of the **diagonal** of this square.

Give your answer in **centimetres**.



cm

4

1 mark

5



Use **each** number card **once** to make the answer to each calculation an **even** number.

3

4

5



5  $\times$

12  $\div$

9  $+$

5i

5ii

2 marks



Alan has **45 beans**.

He plants **3 beans** in each of his pots.

How many pots does he need?



6a

1 mark

Leila puts **4 seeds** in each of her pots.

She uses **6 pots** and has **1 seed** left over.

How many seeds did she start with?

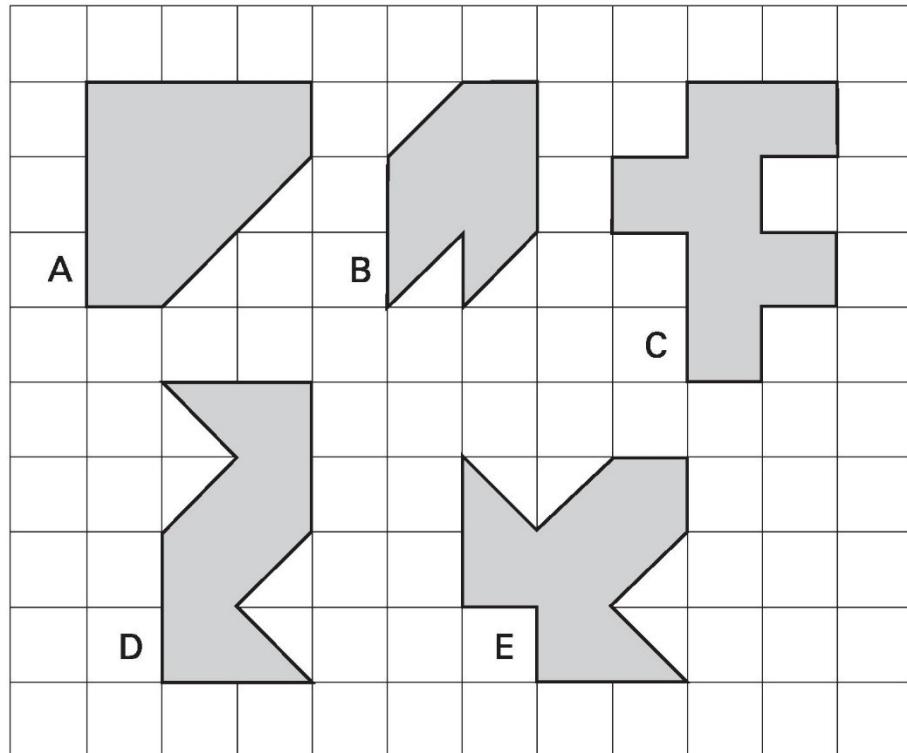


6b

1 mark

**7**

Here are five shapes on a square grid.



Write the letters of the **two** shapes which have a line of symmetry.



..... and .....



7i



7ii

2 marks

**8**

Calculate **13.6 – 2.8**



8

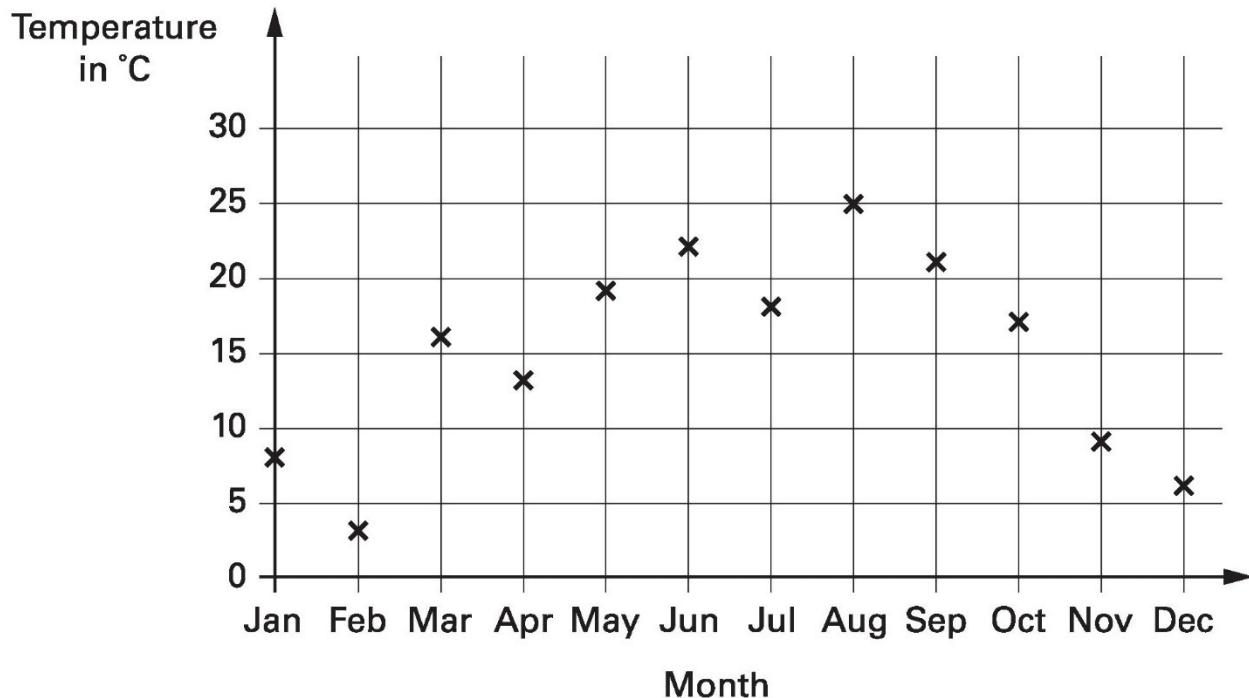
1 mark

9



Abbie takes the temperature outside at midday on the first day of each month.

The graph shows her results from January to December.



How many months on the graph show a temperature between  $10^{\circ}\text{C}$  and  $20^{\circ}\text{C}$ ?




9a

1 mark

Find the difference in temperature shown on the graph between **July** and **August**.



degrees

9b

1 mark

10

A shop sells three types of sunglasses.



What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?



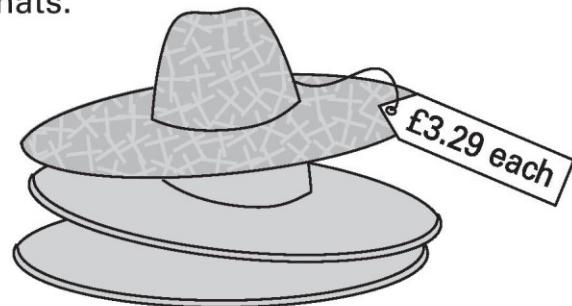
£



10a

1 mark

The shop also sells sun hats.



Ryan buys the **£4.69 sunglasses** and a **sun hat**.

How much change does he get from **£10**?



Show  
your working.  
You may get  
a mark.



10bi



10bii

2 marks

11



A film starts at 6:45pm.

It lasts 2 hours and 35 minutes.

What time will the film finish?



pm

11

1 mark

12



Here is a sorting diagram for numbers.

Write a number **less than 100** in each space.



	even	not even
a square number		
not a square number		

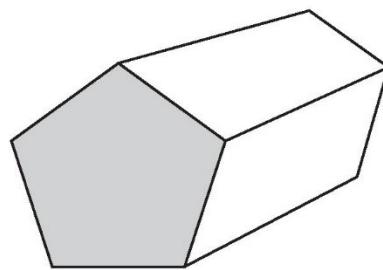
12i

12ii

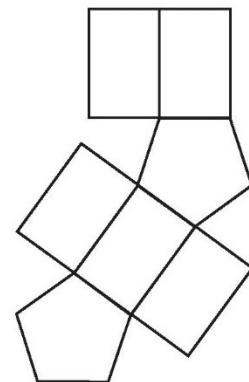
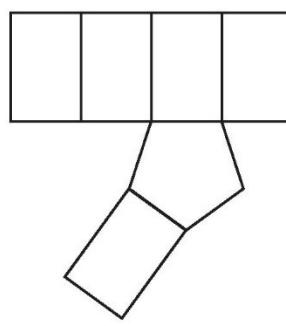
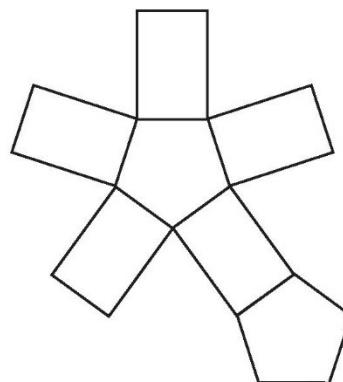
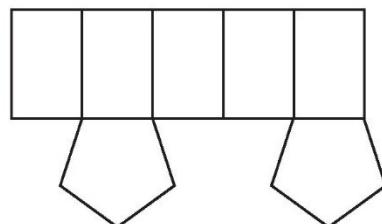
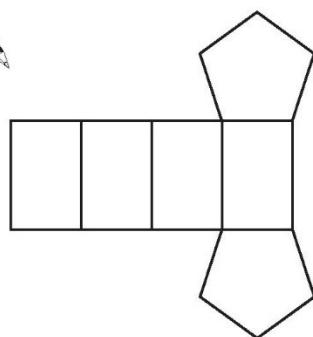
2 marks

13

This is a drawing of a pentagonal prism.



Tick (✓) the one shape that is a net for the pentagonal prism.



1 mark

13

**14**

Write in the missing numbers in this multiplication grid.



Fill in the missing numbers in the multiplication grid.

	<b>×</b>	5	<input type="text"/>	<input type="text"/>
	4	20	36	32
	<input type="text"/>	35	63	56
	<input type="text"/>	30	54	48

14i

14ii

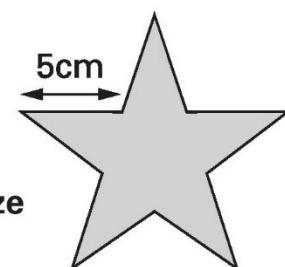
2 marks

**15**

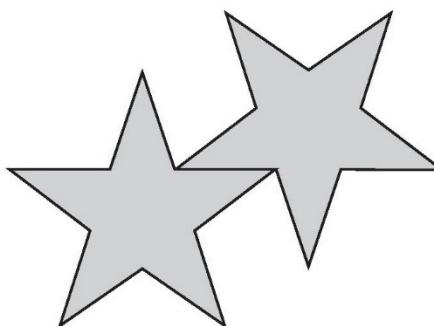
Millie has some star-shaped tiles.



Each edge of a tile is 5 centimetres long.

**Not actual size**

She puts two tiles together to make this shape.



Work out the perimeter of Millie's shape.

 cm

15

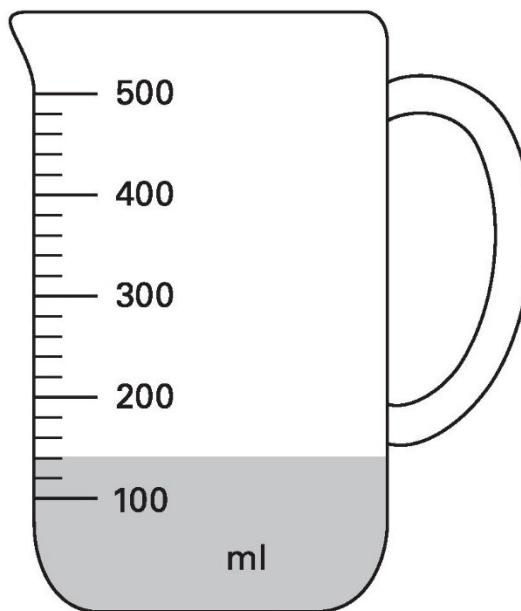
1 mark

16

Mr Khan makes a blackcurrant drink for a party.



He pours blackcurrant squash into a jug.



How much water must he add to make **500 millilitres** of drink?



ml

16

1 mark

17

Calculate  **$31.6 \times 7$**



17

1 mark

18

Mari is the presenter of a weekly radio show.



She always plays **five** new songs  
for every **two** old songs.

Last week she played 15 **new** songs.

How many songs did she play **altogether**?

Show  
your working.  
You may get  
a mark.

18i

18ii

2 marks

19

Julie says,



*'I added three odd numbers and  
my answer was 50'*

Explain why Julie cannot be correct.



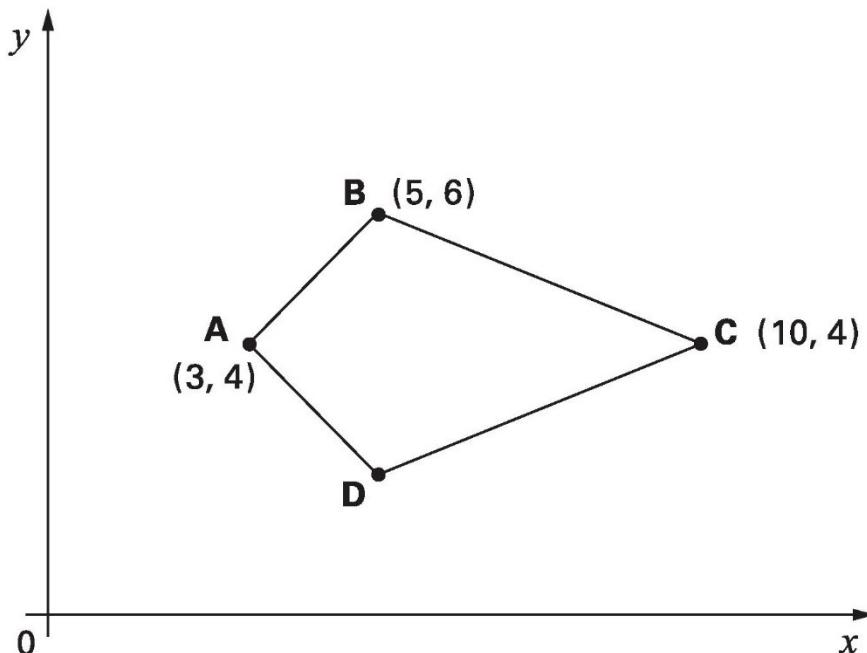
.....  
.....  
.....

19

1 mark

20

Here is a kite.



Write the coordinates of point D.



(	,	)
---	---	---

20

1 mark

21

Calculate  $900 \div (45 \times 4)$



21

1 mark

22

Liam thinks of a number.



He **multiplies the number by 5** and then **subtracts 60** from the result.



His answer equals the number he started with.

What was the number Liam started with?



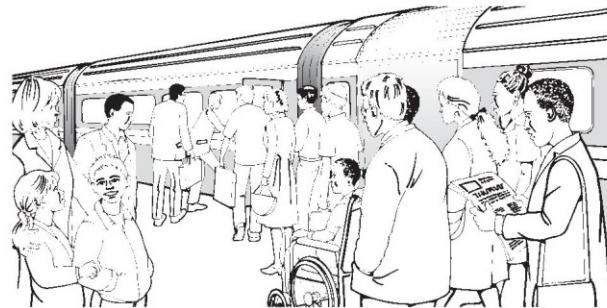
Show  
your working.  
You may get  
a mark.



22i

22ii

2 marks



Here is a part of a train timetable.

Edinburgh	-	09:35	-	-	13:35	-	-
Glasgow	09:15	-	11:15	13:15	-	13:45	15:15
Stirling	09:57	-	11:57	13:57	-	14:29	15:57
Perth	10:34	10:51	12:34	14:34	14:50	15:15	16:35
Inverness	-	13:10	-	-	17:05	-	-

How long does the first train from Edinburgh take to travel to Inverness?




23a

1 mark

Ellen is at Glasgow station at 1:30pm.

She wants to travel to Perth.

She catches the next train.

At what time will she arrive in Perth?




23b

1 mark

24

Calculate 5% of £3600



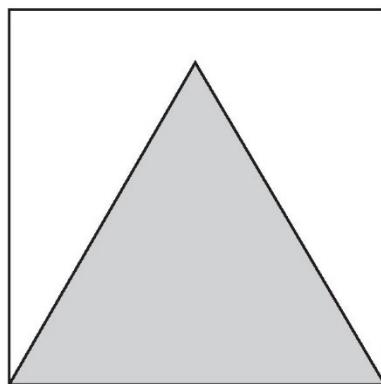
£

24

1 mark

25

Here is an equilateral triangle inside a square.



Not actual size

The perimeter of the triangle is 48 centimetres.

What is the perimeter of the **square**?

Show  
your working.  
You may get  
a mark.

cm

25i

25ii

2 marks