1 Holly made a number using these digit cards.
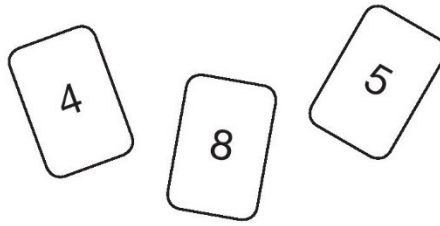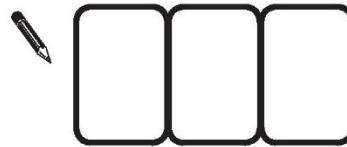
4   8   5

The **hundreds** digit is greater than 4

Holly's number is **odd**.

What number did Holly make?

$$\boxed{}\boxed{}\boxed{}$$

1

1 mark

2 Write one number from each circle to make this calculation correct.

3   4   5

6   7   8

30   40   50

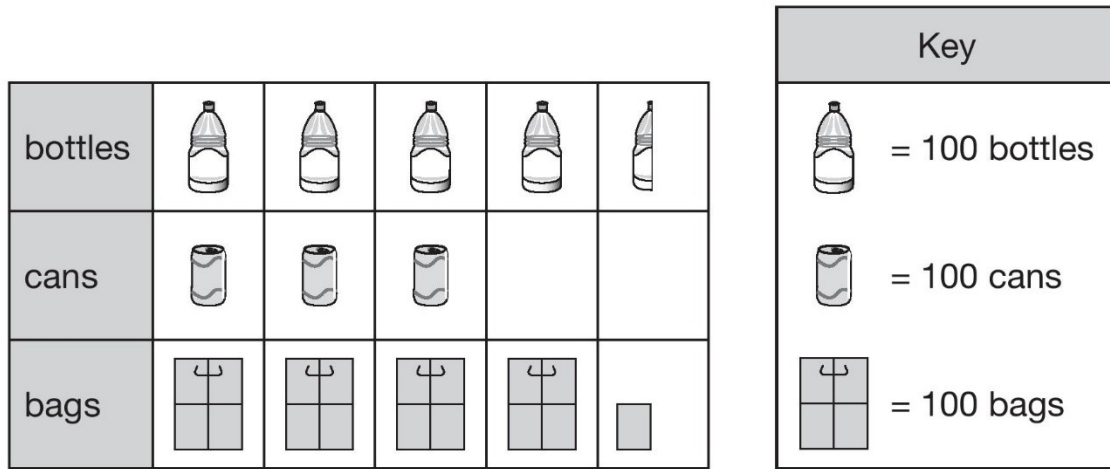$$\boxed{} \times \boxed{} - \boxed{} = 0$$

2

1 mark

3

Class 6 collect litter from a park.

This chart shows some of the litter they have collected so far.

bottles	🍼	🍼	🍼	🍼	🍼
cans	🥫	🥫	🥫		
bags	▦	▦	▦	▦	▫

Key	
🍼	= 100 bottles
🥫	= 100 cans
▦	= 100 bags

How many bottles have Class 6 collected?

How many **more** bags than cans have they collected?

4 Dev has five coins.

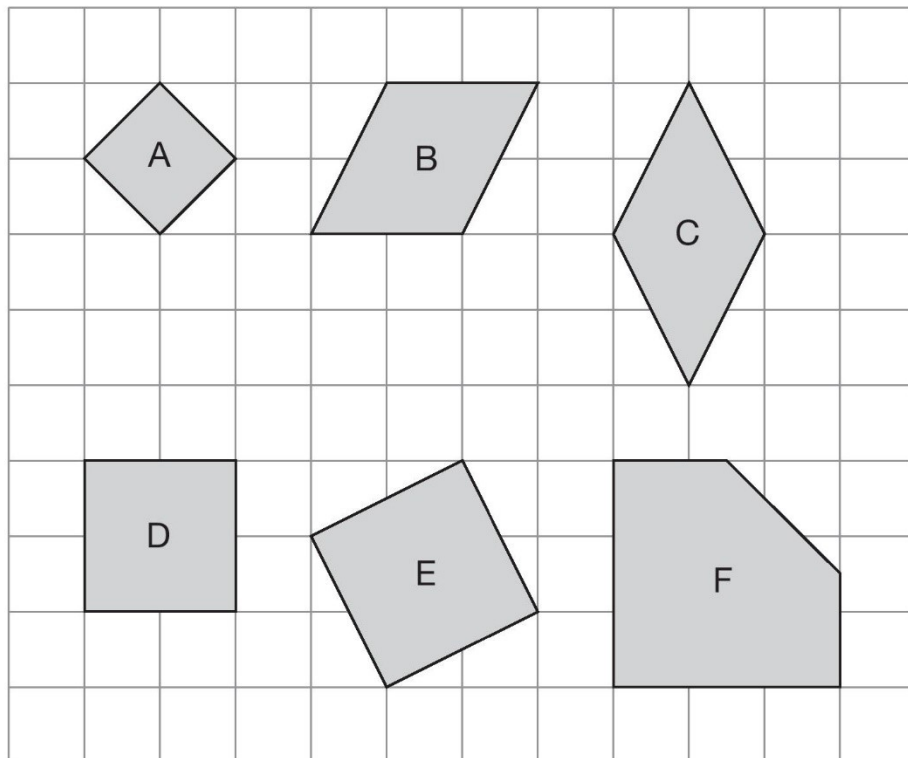He has £1.60 altogether.

Write what the five coins could be.

[ ] [ ] [ ] [ ] [ ]

4

1 mark

5 Here are six shapes on a square grid.

Write the letters of **all** the shapes that are squares.

_____

5

1 mark

6

Joe has a box of 72 chocolates.

chocolates

He gives 18 of the chocolates to his friends.

How many chocolates are left in the box?

Holly has a box of mints.

mints

She has 10 friends.

She gives them 5 mints each.

She has 13 mints left.

How many mints were in the box at the start?

Holly takes **half an hour** to walk from home to school.

She arrives at school at 8:25 am.

At what time did she leave home?

✏️ [**am**]

7a

1 mark

Dev leaves school at half past three.

He arrives home at ten past four.

How many minutes did it take him to get home?

✏️ [**minutes**]

7b

1 mark

8 The four sums below can be completed using only the numbers 1 to 8

Use each number **once** to complete the sums.

One sum has been done for you.

1   2   3   4   ~~5~~   ~~6~~   7   8

$1 +$ $\boxed{5}$ $+$ $\boxed{6}$ $= 12$

$2 +$ $\boxed{}$ $+$ $\boxed{}$ $= 12$

$3 +$ $\boxed{}$ $+$ $\boxed{}$ $= 12$

$6 +$ $\boxed{}$ $+$ $\boxed{}$ $= 12$

8i

_____

8ii

_____

2 marks

Total out of 4 _____

9 Here is part of a number sequence.

The numbers in the sequence increase by 25 each time.

50   75   100   125   …

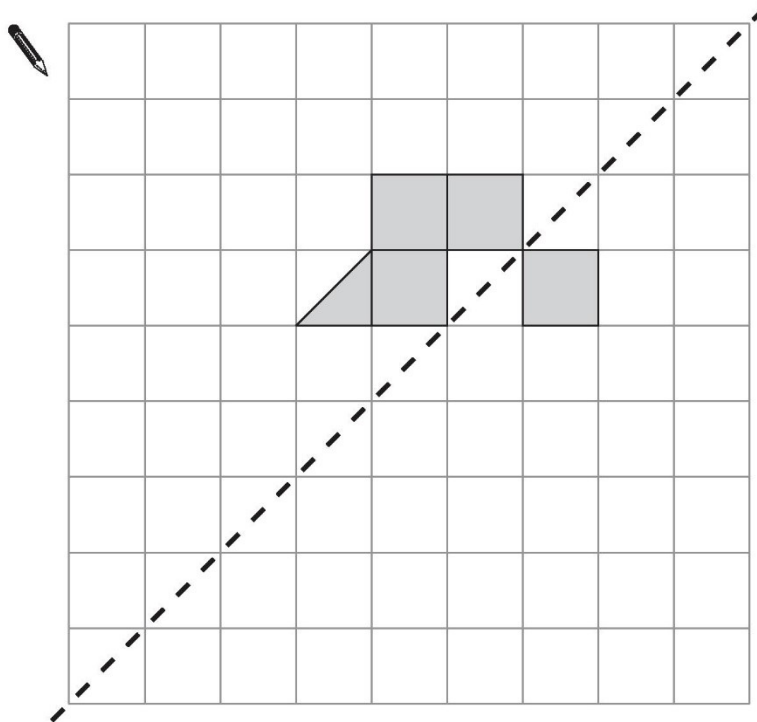Circle **all** of the numbers below that will appear in the sequence.

255   650   735   900   995

10 Shade **two** squares and **one** triangle to make this design symmetrical about the mirror line.

mirror line

Write the correct sign **=**, **>** or **<** in each circle.

9 × 3 ◯ 8 × 4

9 − 3 ◯ 8 − 4

9 + 3 ◯ 8 + 4

9 ÷ 3 ◯ 8 ÷ 4

11i

11ii

2 marks

Total out of 4 _____

Dev and Joe each buy a book.

Dev pays with a £5 note and gets £1.05 change.

Joe's book costs £7

How much **more** does Joe's book cost than Dev's book?
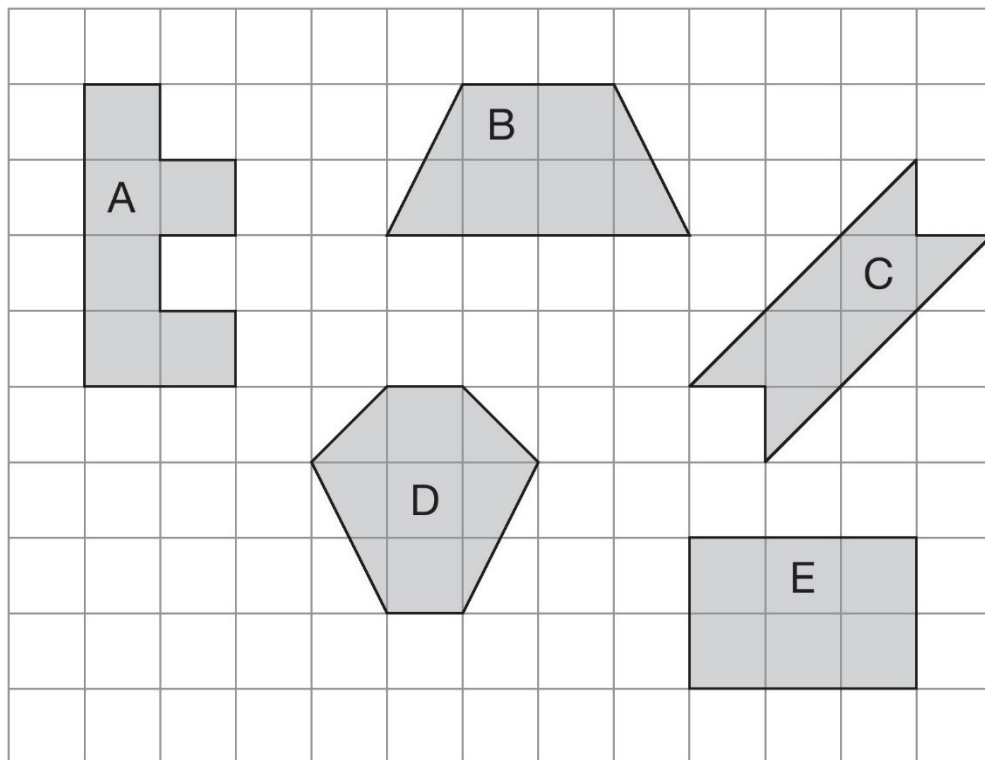
Show your working

£

12i

12ii

2 marks

Here are some shapes on a 1cm square grid.

What is the **perimeter** of shape A?

cm

13a

1 mark

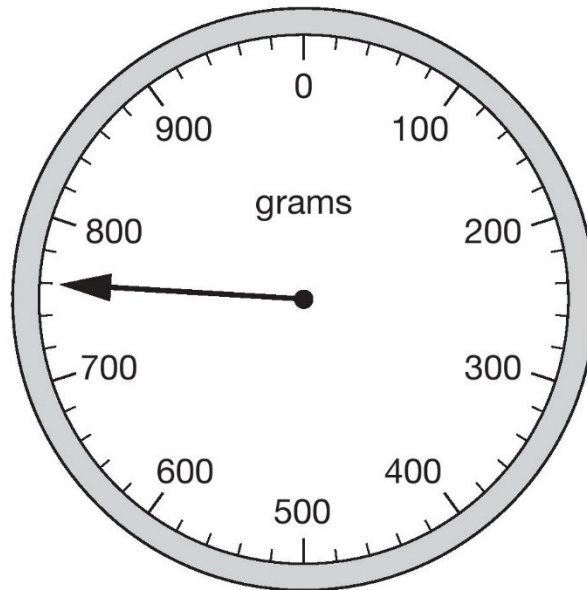Write the letter of the shape that has the **smallest area**.

13b

1 mark

Total out of 4 _____

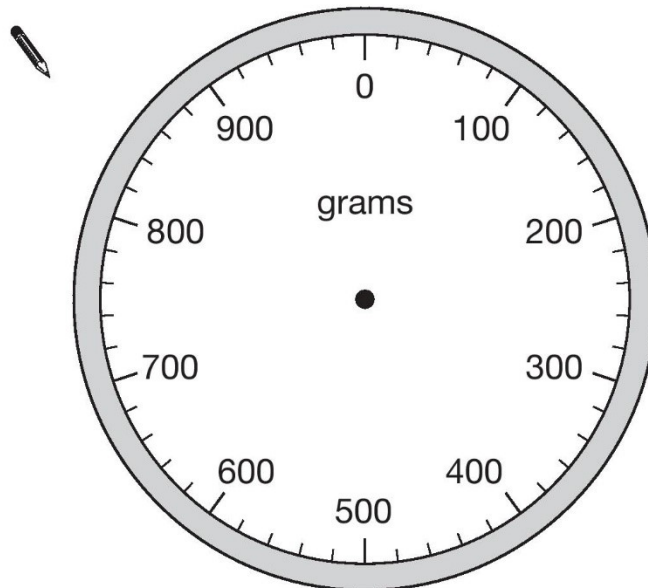**14** Joe places some apples on a weighing scale.

The pointer shows the mass of the apples.

He takes away one apple.

The mass goes down by 120 grams.

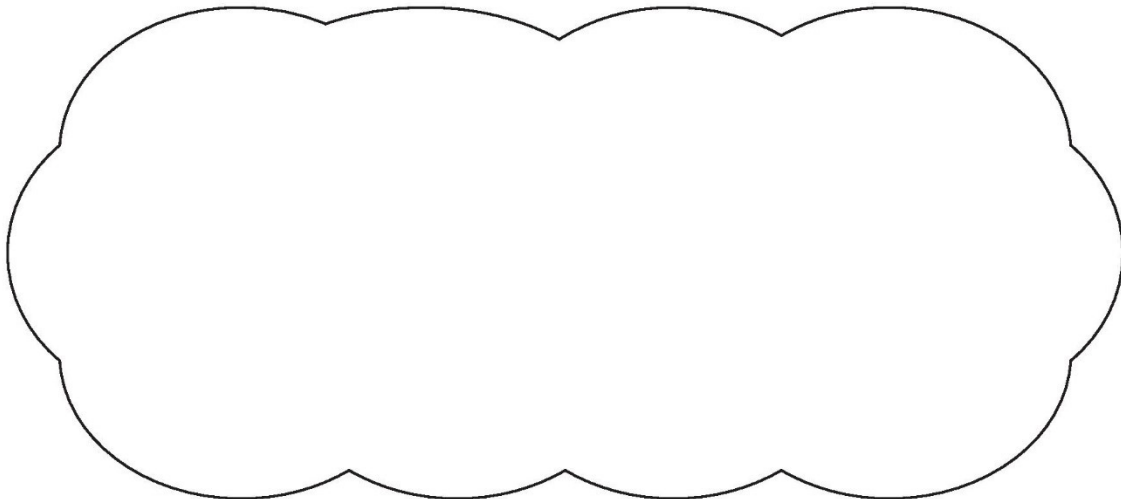Draw the pointer in its new position on the scale below.

1 mark

Holly says,

'One-third of this shape is shaded'.

Is Holly correct?
Circle **Yes** or **No**.

Yes / No

Explain how you know.
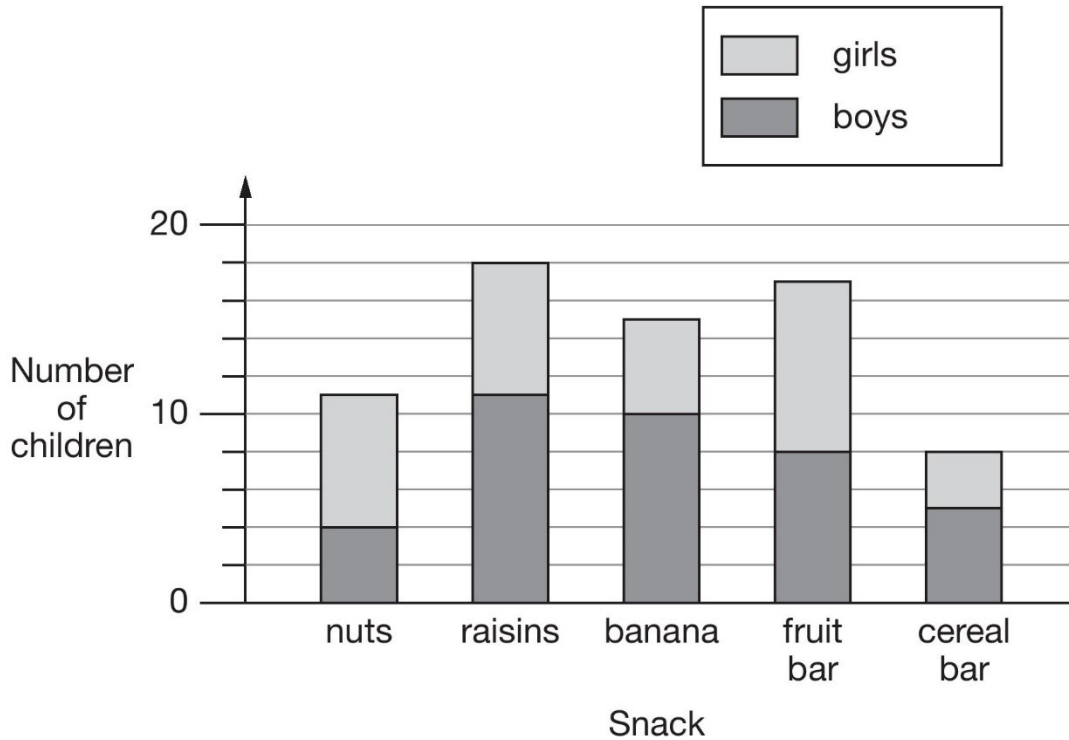
1 mark

16 This chart shows the favourite snacks of some boys and girls.

How many snacks were chosen by more girls than boys?

16a

1 mark

How many more boys than girls chose raisins?

16b

1 mark

Which snack was chosen by twice as many boys as girls?

16c

1 mark

17 Calculate **3.81 + 18.3**

1 mark

18 Dev has three discs.

Each disc has a 7 on one side
and an 8 on the other side.

He spins all the discs and adds the three scores together.

How many **different totals** can he get using the three discs?
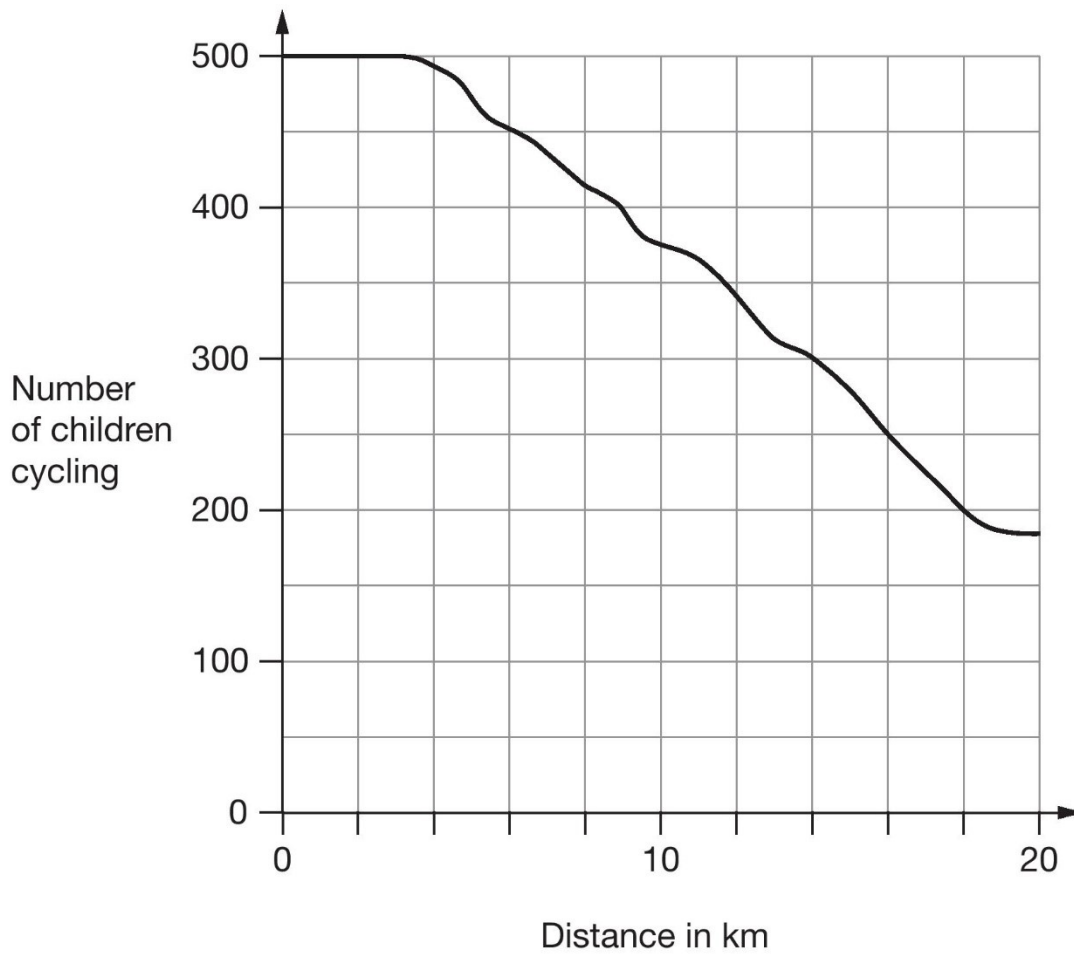
18

1 mark

19

500 children started a 20 kilometre sponsored cycle ride.

This graph shows how far they cycled.

At what distance were exactly half of the children still cycling?

[ ] **km**

19a

1 mark

Estimate how many children completed the 20 kilometre cycle ride.

[ ]

19b

1 mark

20 Here are five number cards.

| 0.47 | 10 | 100 | 1000 | 4.07 |

Use **four** of the cards to complete these calculations.

✏️ 47 ÷ [ ] = [ ]

[ ] × [ ] = 40.7

20
___
1 mark

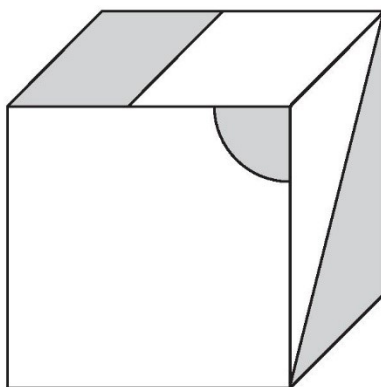**21** Calculate **544 ÷ 32**

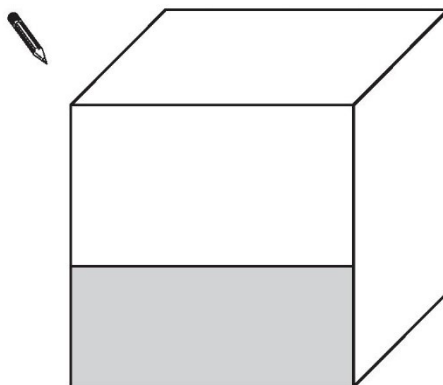Show your working

21i
___

21ii
___
2 marks

This cube has shapes drawn on three of its faces.

The cube is turned to look like this.
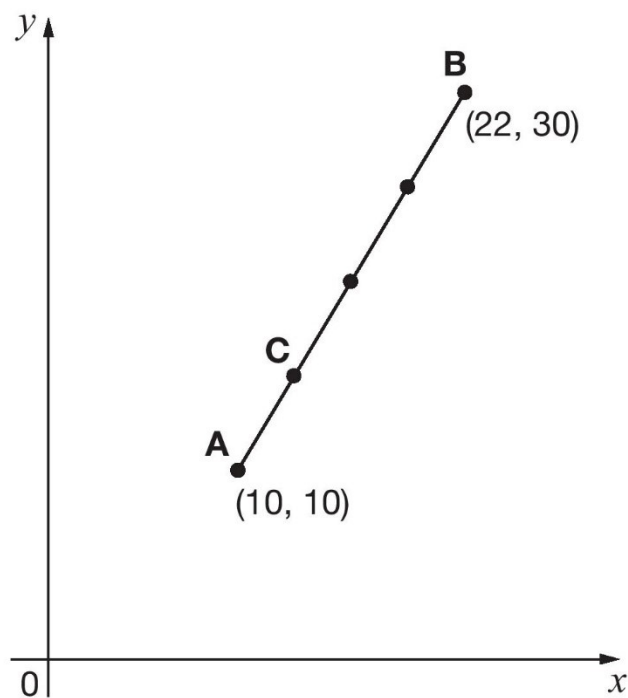
Draw and shade the missing shapes.

22a

1 mark

22b

1 mark

23

A and B are joined by a straight line on coordinate axes.

The dots on the line are equally spaced.

What are the coordinates of **C**?

C is (,)

24
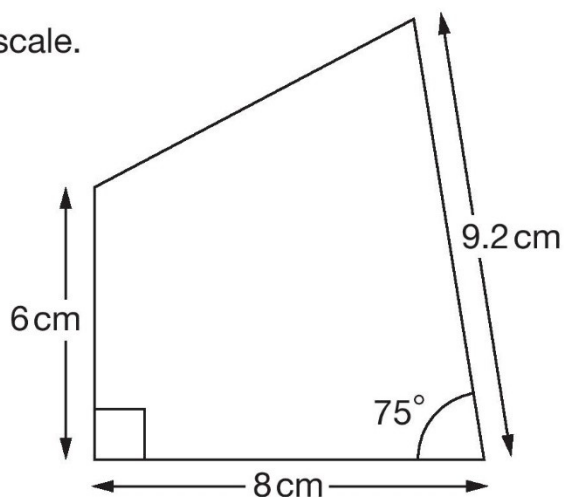
Here is a sketch of a quadrilateral.

It is not drawn to scale.

9.2 cm

6 cm

75°
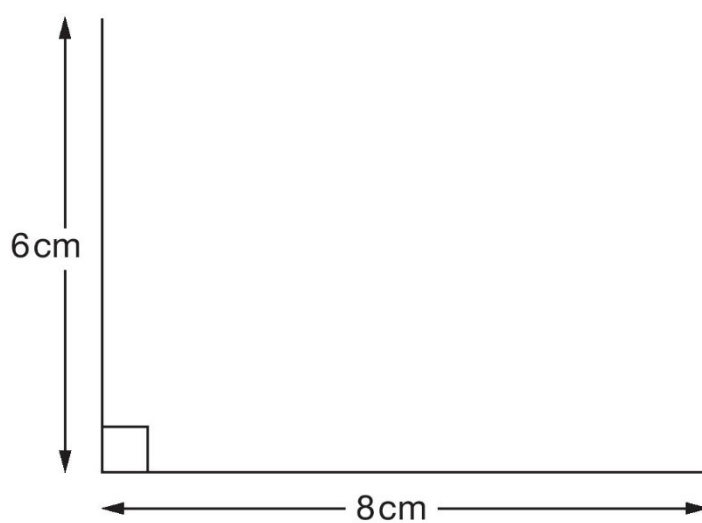
8 cm

Draw the full-size quadrilateral **accurately** below.

Use a protractor (angle measurer) and a ruler.

Two of the lines have been drawn for you.

6 cm

8 cm

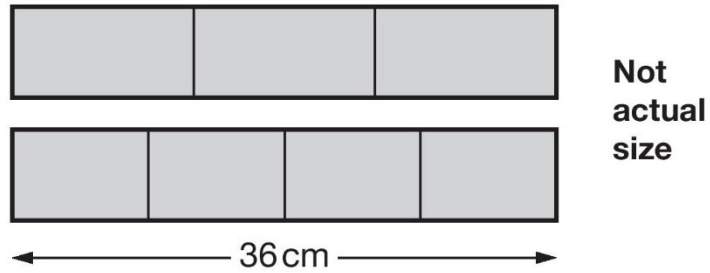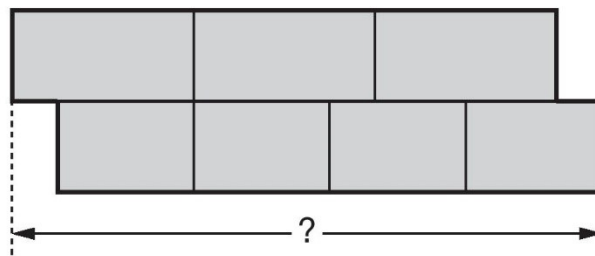24i

24ii

2 marks

25 Joe has two strips of card.

Each strip is 36 centimetres long.

One strip is divided into three equal parts.

The other strip is divided into four equal parts.

Not actual size

← 36 cm →

Joe uses the two strips to make this shape.

?

What is the total length of Joe's shape?

Show your working

cm

25i

25ii

2 marks

Total out of 4 _____