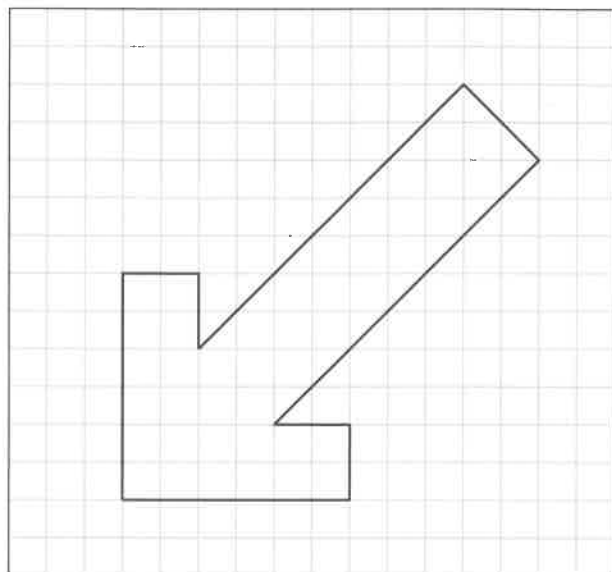


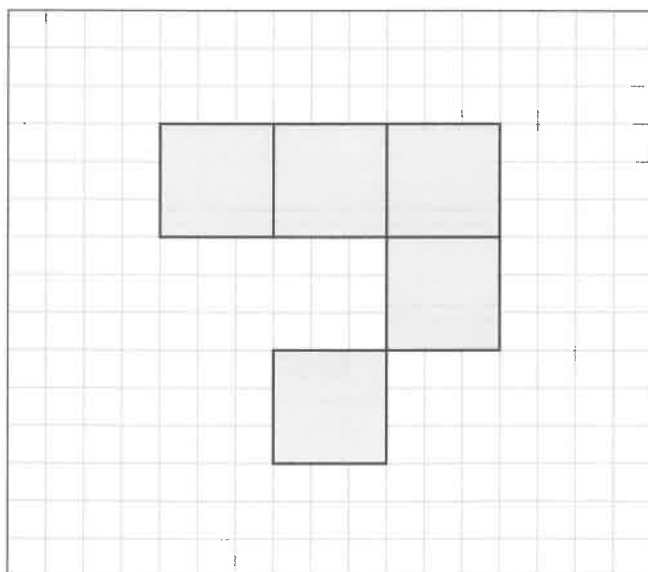
1

Draw the line of symmetry of this shape.



1 mark

Draw **one** more square on the grid to give this shape a line of symmetry.



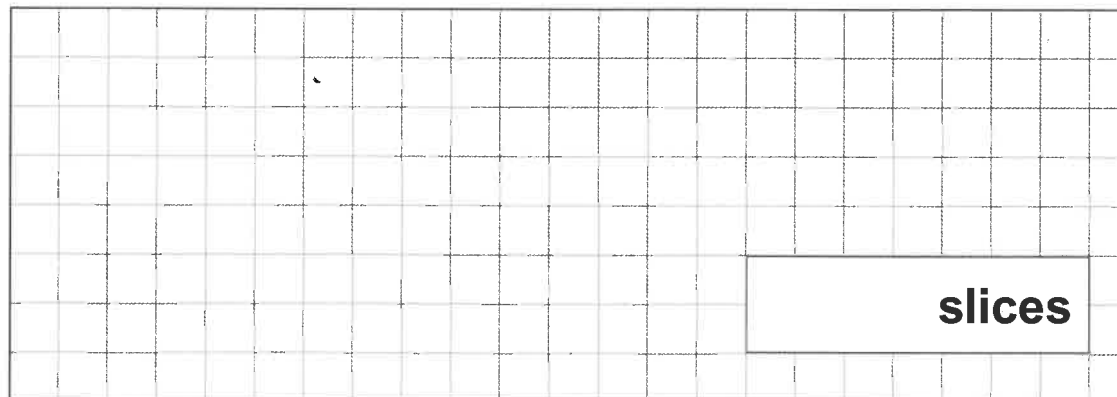
1 mark

2

David needs 120 slices of bread to make sandwiches for a party. He buys 6 loaves of bread. Each loaf contains 22 slices.

How many slices are **left over** after David has made the sandwiches?

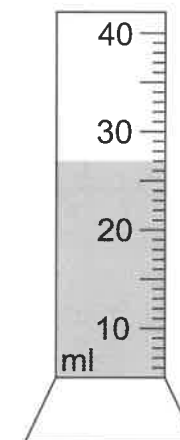
Show your working



2 marks

3

At 9 am there were **12 ml** of rainwater in this measuring cylinder. The diagram shows the cylinder at 4 pm on the same day.



How much rain fell into the cylinder between 9 am and 4 pm?

ml

1 mark

**6 ml** of rain fell between 4 pm and 8 pm.

Draw a line on the cylinder to show the amount of water in the cylinder at 8 pm.

1 mark

4

This table shows the prize money in a lottery.

| March      | April      | May        | June       |
|------------|------------|------------|------------|
| £7 651 302 | £7 648 999 | £6 988 256 | £7 651 298 |

Write the months in order of their prize money, starting with the month with the **largest** prize.

largest
smallest

1 mark

5

A game has two rounds. The table shows the scores that three children got in each round.

|       | Round 1 | Round 2 |
|-------|---------|---------|
| Tom   | -2      | 1       |
| Aziza | -1      | 0       |
| Billy | 3       | -1      |

Who got the **lowest** score in round 1?

1 mark

What is the **difference** between the scores Billy got in round 1 and round 2?

1 mark

6

Fill in the missing numbers to make the calculation correct.

$$\begin{array}{r}
 52\ \square \\
 - \square 74 \\
 \hline
 1\ \square 5
 \end{array}$$

2 marks

7

Look at these numbers.

- 5.225      5.525      5.22      5.25

Which number is **closest** to 5?

1 mark

What is the **difference** between the largest and smallest numbers in the list?

1 mark

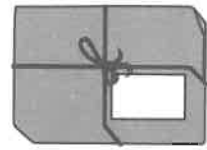


12

Look at the weights of these parcels.



15 kg



12 kg



24 kg



9 kg

What is the mean weight of the four parcels?

1 mark

13

Polly is buying some fruit.

5 pineapples cost the same as 8 mangoes.

A mango costs £1.25.

How much does **one** pineapple cost?

Grid for showing working.

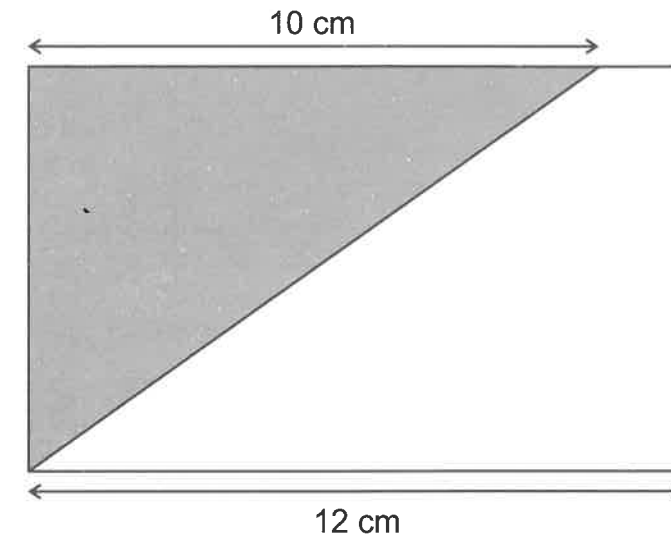
Show your working

2 marks

14

The diagram shows the design of a flag.

The flag is rectangular, with an area of  $96 \text{ cm}^2$ .



Not drawn to scale.

What is the area of the grey triangle?

Grid for showing working.

Show your working

2 marks

15

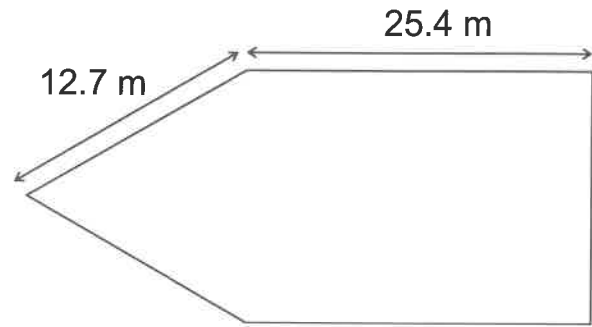
Complete the calculation to make it correct.

$$2.5 \times \boxed{\phantom{00}} = 100$$

1 mark

16

Here is a diagram of a swimming pool.

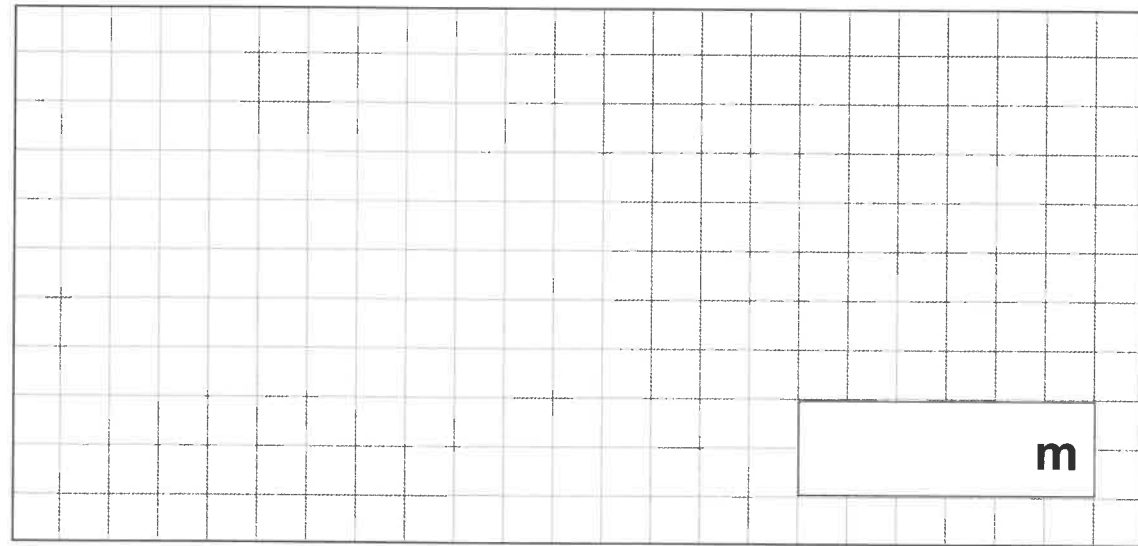


Not drawn to scale.

It is made up of an **equilateral triangle** and a **rectangle**.

Calculate the **perimeter** of the swimming pool.

Show your working



2 marks

17

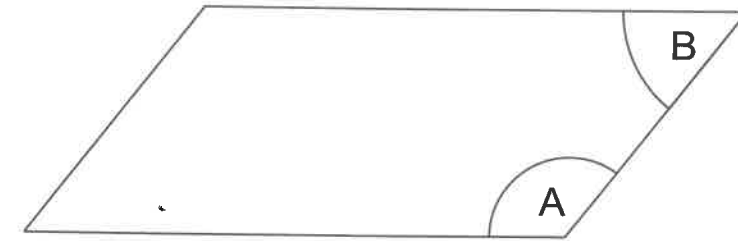
Circle **two** fractions that add together to give  $1\frac{3}{7}$ .

- $\frac{6}{7}$      $\frac{5}{7}$      $\frac{11}{7}$      $\frac{4}{7}$      $1\frac{1}{7}$      $1\frac{2}{7}$

1 mark

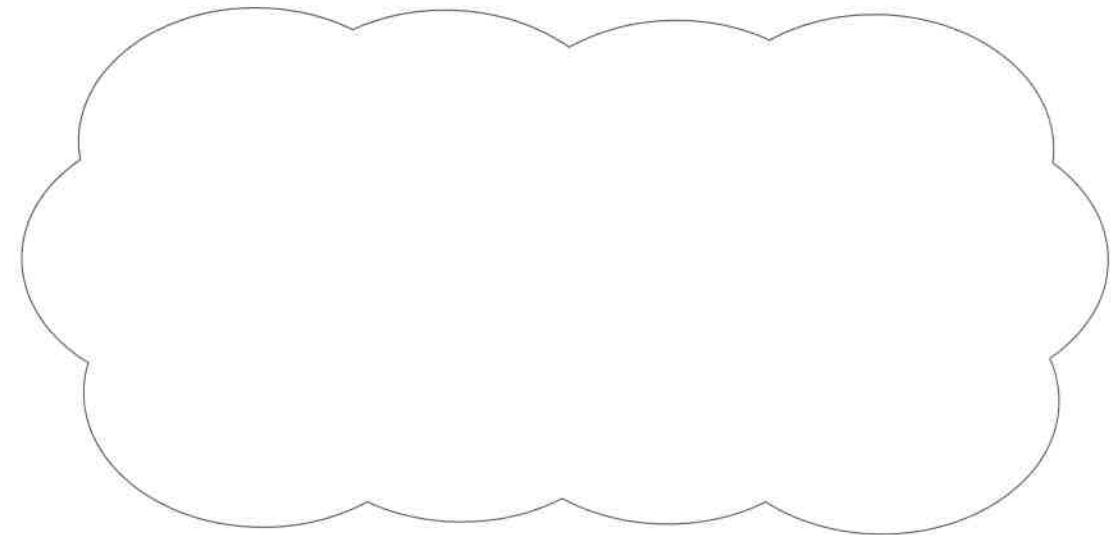
18

Mina measures these two angles inside a **parallelogram**.



She says “angle A is  $130^\circ$  and angle B is  $70^\circ$ ”.

Explain how you know that Mina is wrong. Do **not** use a protractor (angle measurer).



1 mark

19

David is driving in France. He sees a sign that says Paris is 96 km away.

How many **miles** away from Paris is David?

miles

1 mark

20

Aziza is sending books, pens and rubbers in a parcel.

The books weigh 255 g each.

A set of 5 pens weighs 30 g.

Rubbers weigh 20 g each.

Aziza puts 6 books and 20 pens in the parcel.

The total weight of the items in the parcel must be no more than 2 kg.

What is the largest number of rubbers that she can put in the parcel?

Show  
your  
working

The grid is 20 columns wide and 15 rows high. A small rectangular box is drawn in the bottom right corner of the grid, containing the word "rubbers".

3 marks