

Show your method	

2 marks

Q3.

A theme park sells tickets online.

Each ticket costs £24

There is a £3 charge for buying tickets.

Which of these shows how to calculate the total cost, in pounds?

Tick **one**.

- number of tickets \times 3 + 24
- number of tickets \times 24 + 3
- number of tickets + 3 \times 24
- number of tickets + 24 \times 3

1 mark

Q4.

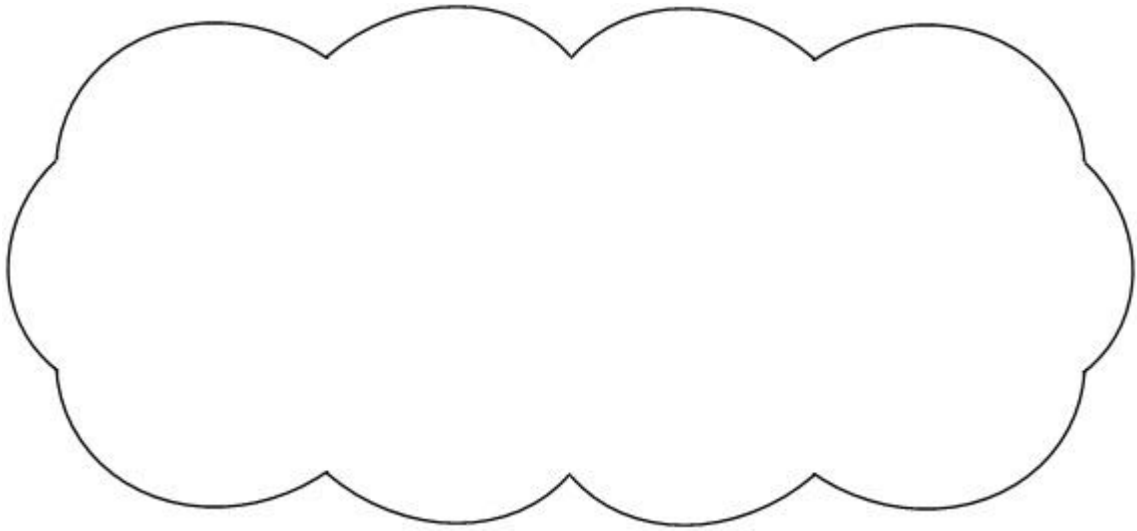
Circle the **prime** number.

95

89

87

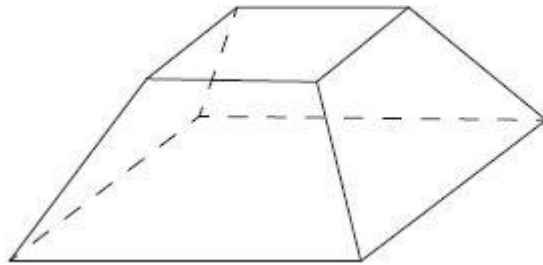
Explain how you know the other numbers are **not** prime.



1 mark

Q5.

Here is a drawing of a 3-D shape.



Complete the table.

Number of faces	Number of vertices	Number of edges

2 marks

Q6.

Here are five numbers.

~~2~~ 3 4 5 6

Write each number on the correct cards.

The number 2 has been written on the correct cards for you.

Prime numbers

2

Factors of 12

2

Factors of 15

2 marks

Q7.

Here are three symbols.

< > =

Write one symbol in each box to make the statements correct.

$$\frac{7}{10} \quad \square \quad 0.07$$

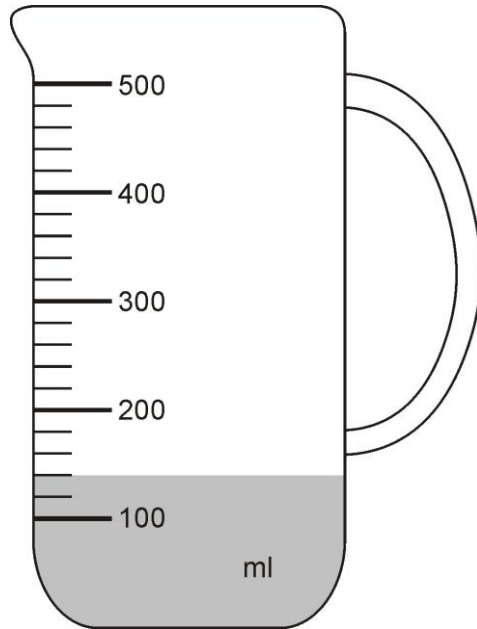
$$\frac{23}{1000} \quad \square \quad 0.23$$

1 mark

Q8.

Mr Khan makes a blackcurrant drink for a party.

He pours blackcurrant squash into a jug.

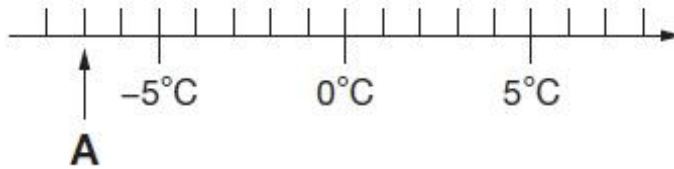


How much water must he add to make **500 millilitres** of drink?

1 mark

Q9.

Here is part of a temperature scale.



What is the temperature shown at **A**?

1 mark

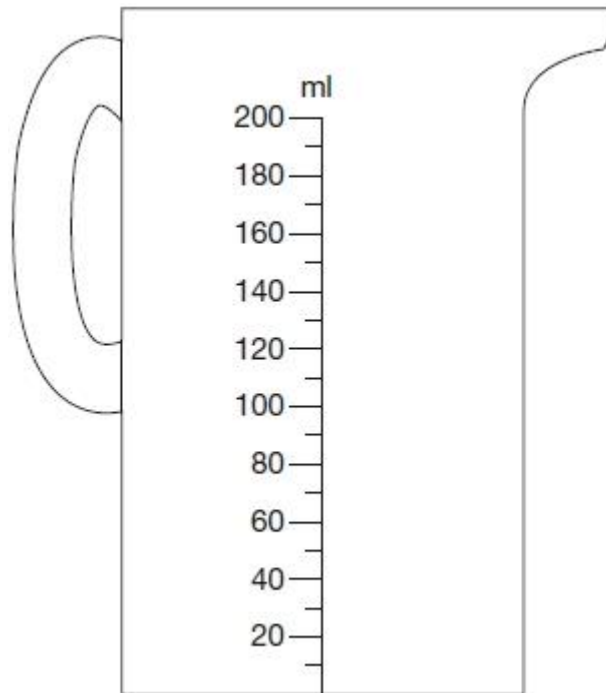
What temperature is 20 degrees **higher** than **A**?

1 mark

Q10.

Chen pours 165 millilitres of milk into a measuring jug.

Draw an arrow on the jug to show the level of the milk.



1 mark

Q11.

Ken is playing a game. He has 4,289 points.

Then he scores another 355 points.

Ken's target is 6,000 points.

How many **more** points does Ken need to reach his target?

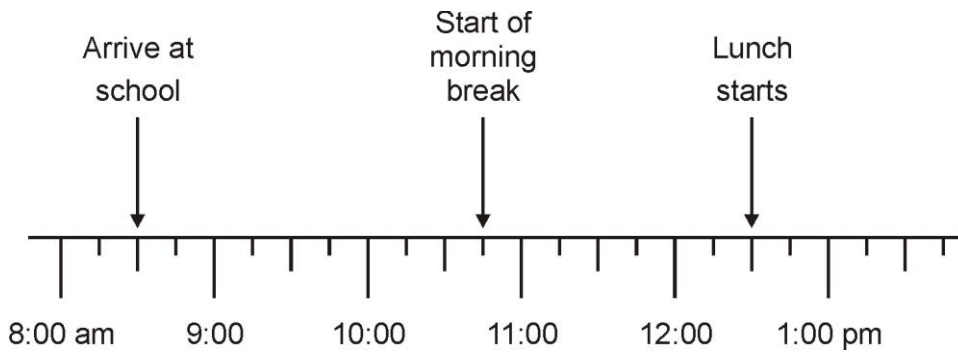
Show your method

A grid for showing the method to solve the problem. The grid is 20 units wide and 10 units high. A small rectangular box is drawn in the bottom right corner of the grid.

2 marks

Q12.

Jamie makes a time line of part of his day.



What time does Jamie's morning break start?

1 mark

Lunch lasts for three-quarters of an hour.

What time does lunch **finish**?

1 mark

Q13.

Tick the fractions **less than** $\frac{5}{8}$

$\frac{1}{2}$

$\frac{2}{8}$

$\frac{3}{4}$

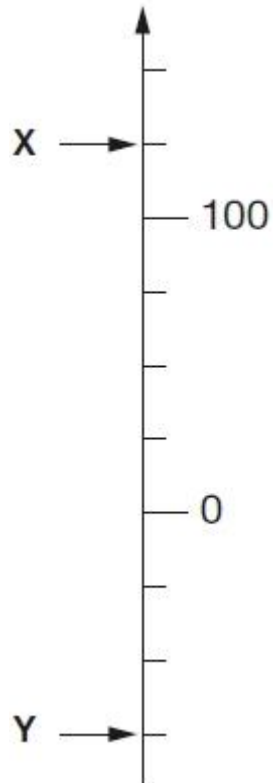
$\frac{7}{16}$

$\frac{24}{32}$

2 marks

Q14.

Here is part of a number line.



What is the value of **X**?

$X =$

1 mark

What is the value of **Y**?

$Y =$

1 mark

Q15.

Write these numbers in order, starting with the **smallest**.

0.78 0.607 5.6 0.098 4.003

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smallest

1 mark

Q16.

Layla wants to estimate the answer to this calculation.

$$3\frac{9}{10} - 2\frac{1}{8} + 1\frac{4}{5}$$

Tick the calculation below that is the best estimate.

Tick **one**

3 - 2 + 2

4 - 2 + 1

4 - 2 + 2

3 - 2 + 1

1 mark

Q17.

This table shows the temperature at 9 am on three days in January.

1st January	8th January	15th January
+5°C	-4°C	+1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?

°C

1 mark

On 22nd January the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?

°C

1 mark

Q18.

Complete this table by rounding the numbers to the **nearest hundred**.

	Rounded to the nearest hundred
20,906	
2,090.6	
209.06	

2 marks

Q19.

The table below shows five journeys a taxi driver made one day.

journey number	start time	number of passengers	distance	cost
1	9:15 am	2	8 km	£7.50
2	9:40 am	1	12 km	£9.90
3	10:30 am	3	7 km	£7.60
4	10:50 am	1	21 km	£15.50
5	12:10 pm	4	15 km	£12.00

On journey number 5, the passengers shared the cost equally.

How much did **each** passenger pay?

£

1 mark

How many **passengers** made journeys of more than 10 km?

passengers

1 mark

The 12 km journey took 40 minutes.

What time did the taxi finish its journey?

am

1 mark

Q20.

Calculate 55% of 640

1 mark

Q21.

In each box, circle the number that is **greater**.

$1\frac{1}{2}$

1.2

$1\frac{1}{4}$

1.3

$1\frac{5}{100}$

1.4

$1\frac{3}{5}$

1.5

2 marks

Q22.

Circle the improper fraction that is equivalent to $6\frac{7}{8}$

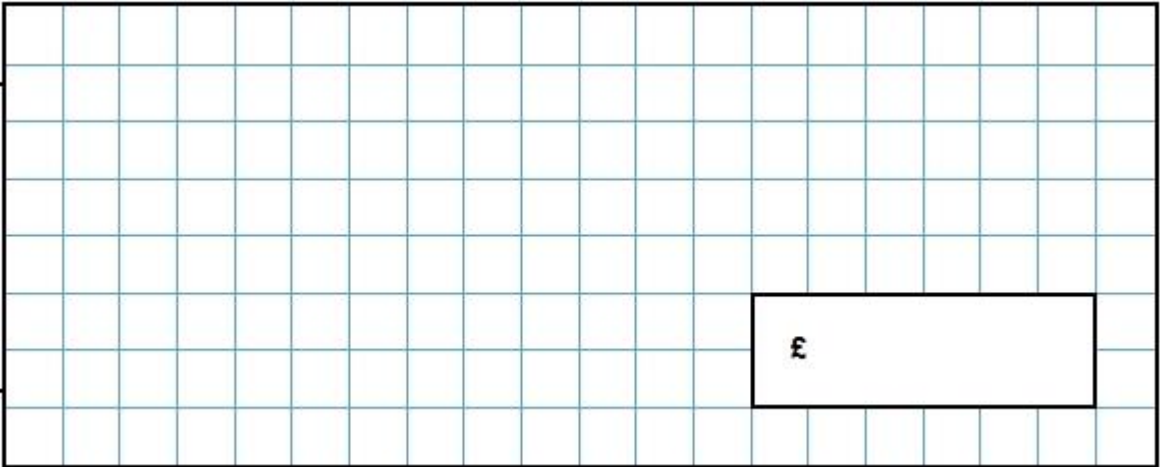
She spent £1.25 on a drink.

She spent £1.60 on a sandwich.

She has **three-quarters** of her money left.

How much money did Lara have to **start with**?

Show your method



£

2 marks

Q26.

Here are six cards.

$\times 10$

$\times 100$

$\times 1000$

$\div 10$

$\div 100$

$\div 1000$

Use a card to complete each calculation.

