

Q1.

Here are the temperatures in four cities at midnight and at midday.

	Temperature	
City	At midnight	At midday
Paris	-4°C	-2°C
Oslo	-13°C	-7°C
Rome	3°C	10°C
Warsaw	-6°C	2°C

At **midnight**, how many degrees colder was Paris than Rome?

degrees

1 mark

Which city was 6 degrees colder at midnight than at midday?

1 mark

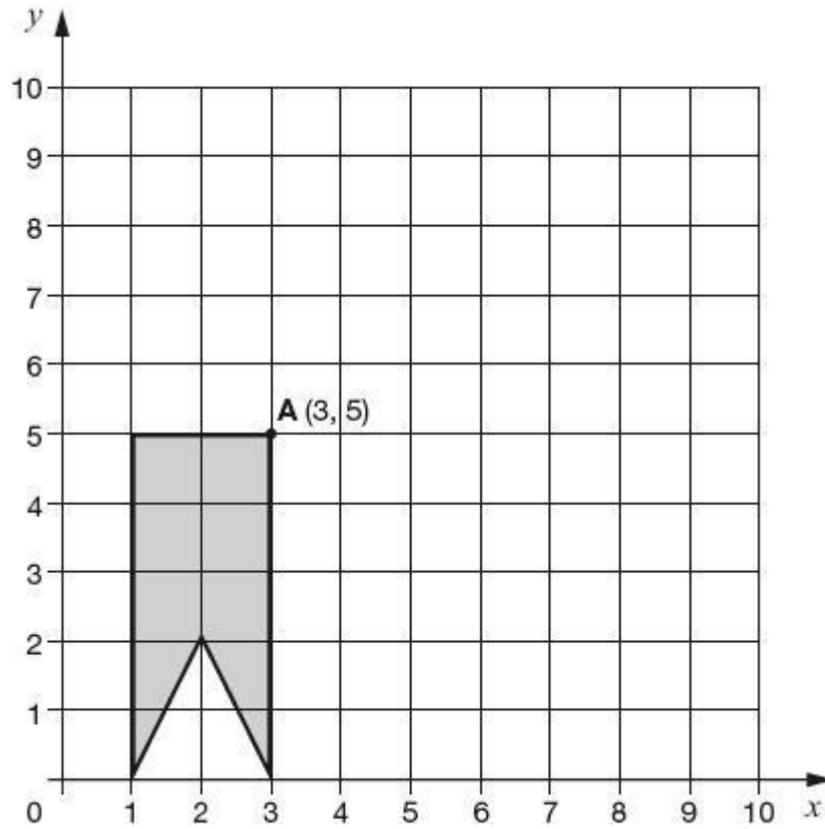
Q2.

Here is a shape on a grid.

The shape is translated so that point **A** moves to (7, 8).

Draw the shape in its new position.

Use a ruler.



1 mark

Q3.

Jack has £400

He spends **35%** of his money on a new bike.



How much does Jack spend on his new bike?

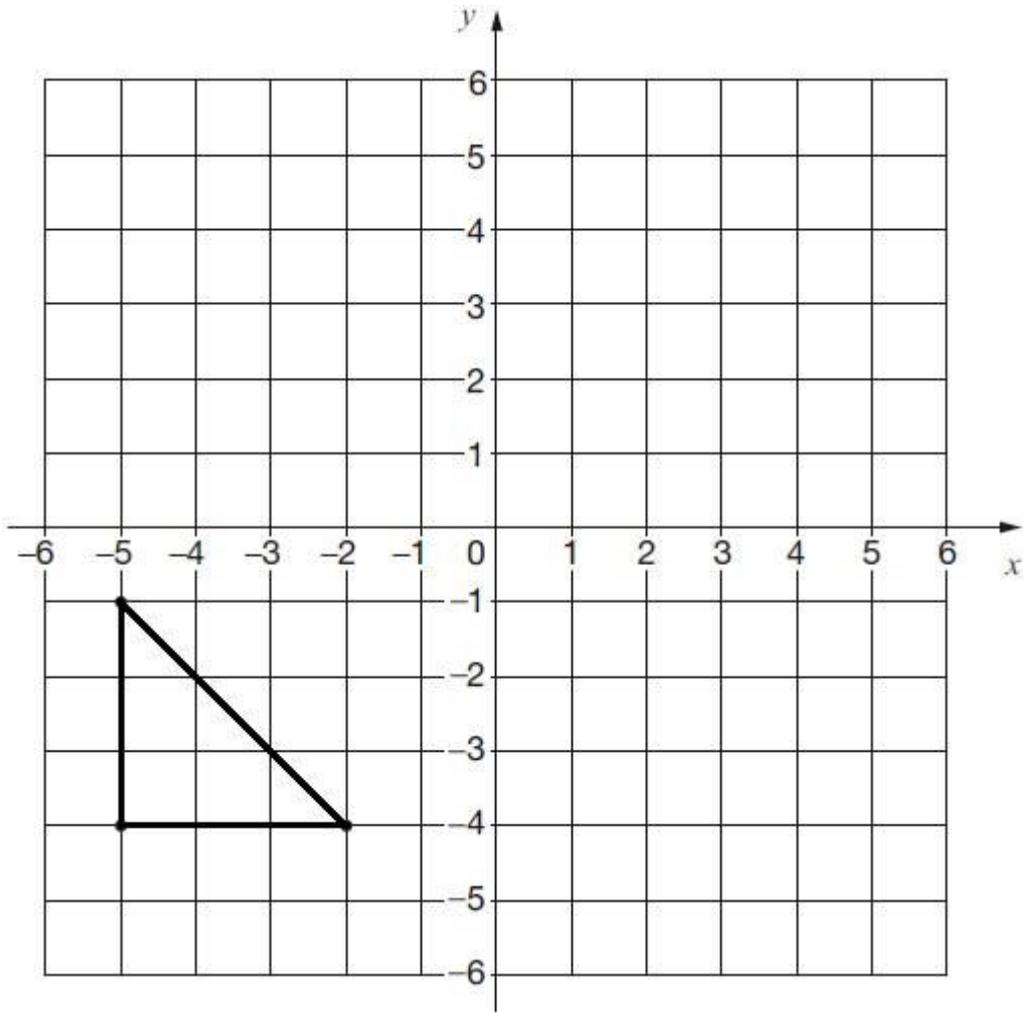
£

1 mark

Q4.

The Angel of the North is a large statue in England.

It is 20 metres tall and 54 metres wide.



The triangle is translated **7 right** and **5 up**.

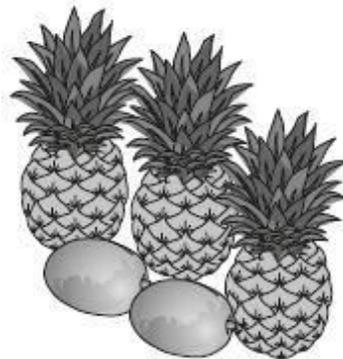
Draw the triangle in its new position.

1 mark

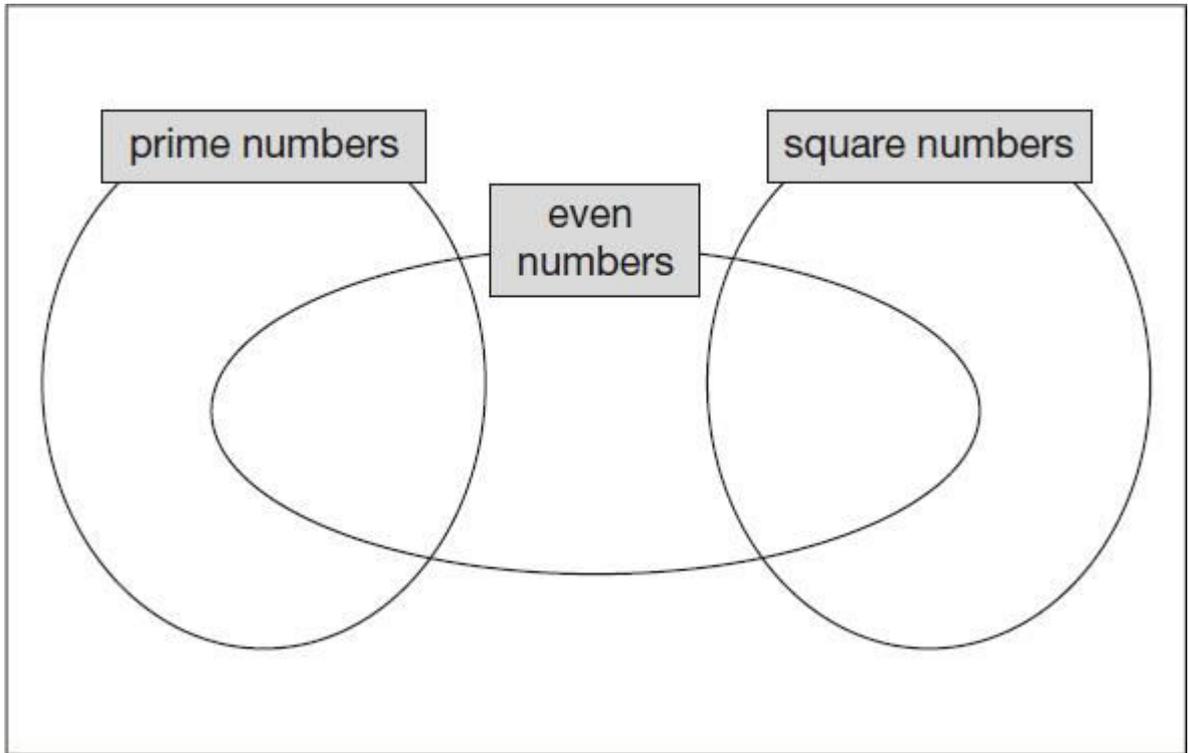
Q9.

3 pineapples cost the same as 2 mangoes.

One mango costs £1.35



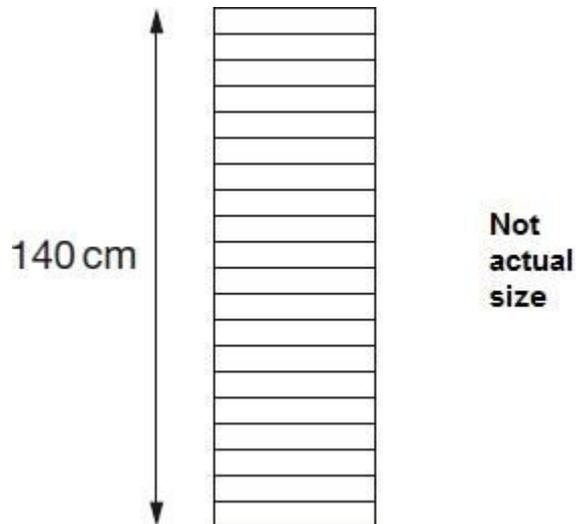
How much does **one** pineapple cost?



2 marks

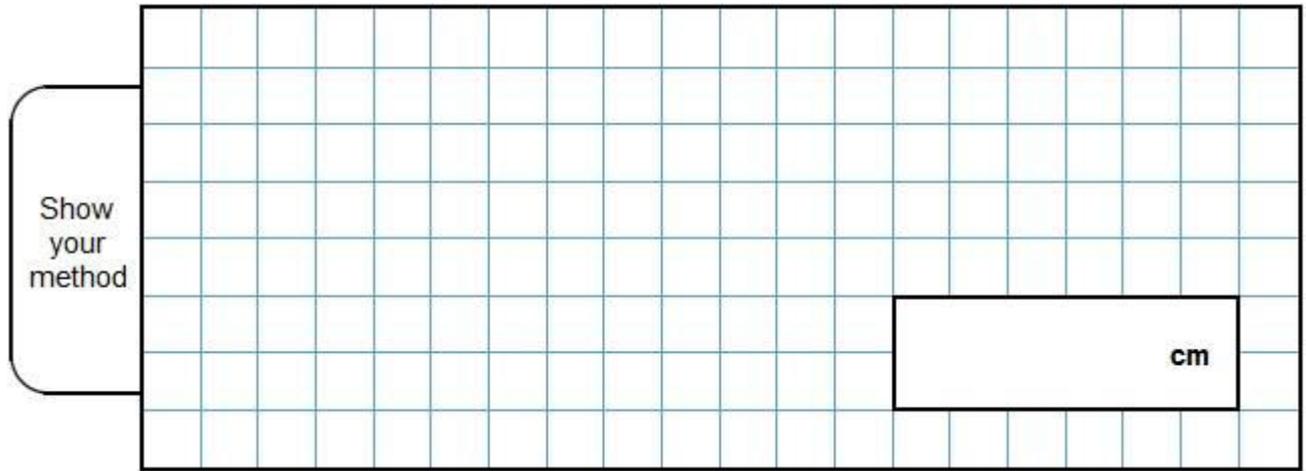
Q12.

A stack of 20 identical boxes is 140 cm tall.



Stefan takes **three** boxes off the top.

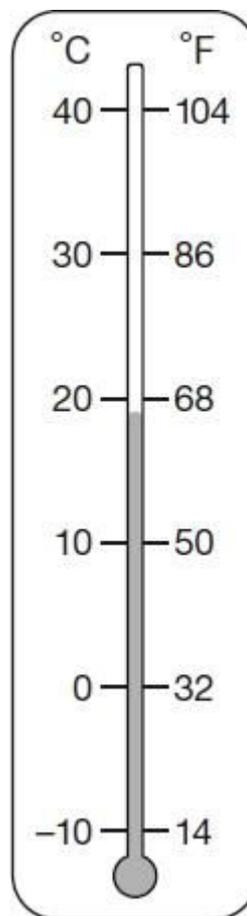
How tall is the stack now?



2 marks

Q13.

This thermometer shows temperatures in both °C and °F.



Work out what **25°C** is in °F.

Fordham	10:28	10:38	10:54	11:11
Tremont	10:36	10:44	11:00	11:17
Mott Haven	10:53	11:01	11:17	11:34

How many minutes does it take the 10:31 bus from Riverdale to reach Mott Haven?

1 mark

Mr Evans is at Fordham at 10:30

What is the **earliest** time he can reach Tremont on the bus?

1 mark