

Edexcel GCSE Mathematics Calculator 2020 Foundation Paper 2 Revision Worksheet

Questions 1–11

1. Write 0.37 as a fraction.
2. Write 29381 correct to the nearest 1000

3. Simplify $3e - e + 4e$

.....

4. Write $\frac{1}{4}$ as a percentage.

..... %

5. Here is a list of numbers. 3 4 9 18 27 30 36

From the numbers in the list, write down a cube number.

.....

6. Liz is watching a film at the cinema.

The film started at 14:30. The film is 105 minutes long. When the film ends, Liz takes 20 minutes to get to the bus stop. A bus leaves the bus stop at 16:45.

Does Liz get to the bus stop in time to get this bus?

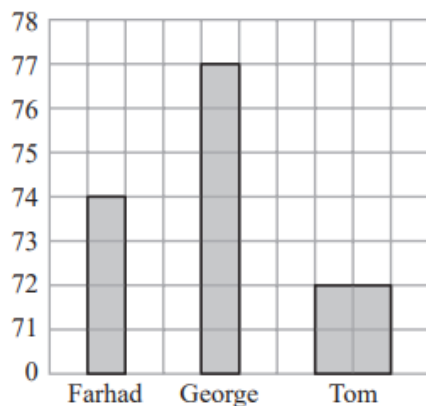
You must show all your working

7. Farhad, George and Tom each did a test. Here are their marks for the test:

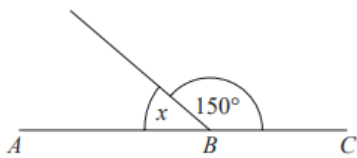
Farhad	George	Tom
74	77	72

George drew this bar chart to show the marks they got. The bar chart is not fully correct.

Write down two things that are wrong with George's bar chart.



8.



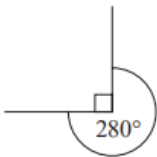
(a) (i) Work out the size of the angle marked x.

..... °

(ii) Give a reason for your answer.

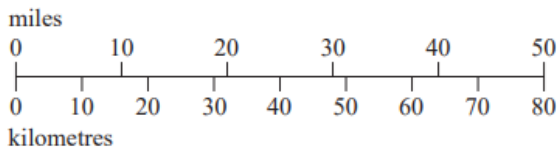
.....

The diagram below is wrong.



(b) Explain why.

9. This scale can be used to change between kilometres and miles.



(a) Use the scale to change 40 kilometres to miles.

.....

Here is an approximate rule to change from kilometres to miles.

Divide the distance in kilometres by 10 and then multiply by 6

(b) Use this approximate rule to change 40 kilometres to miles.

.....

(c) Compare your answer to part (b) with your answer to part (a).

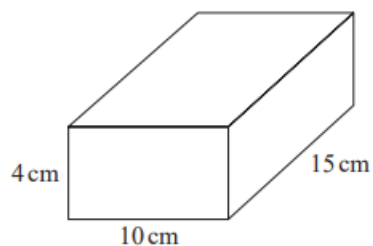
10. (a) Solve $3m = 36$

$m = \dots\dots\dots$

(b) Solve $7 - x = 3$

$x = \dots\dots\dots$

11. Here is a cuboid:



Work out the volume of the cuboid.

$\dots\dots\dots$