

m2 = 16 days to go!

4 A fish tank is a cuboid.

The tank has a length of 9 metres, a width of 4 metres and a height of 3 metres.

The fish tank is filled with 99m^3 of water.
What is the depth of water in the tank?

Answer _____ metres [2]

24 Write 600 as a product of prime factors.

Express your answer in index notation.

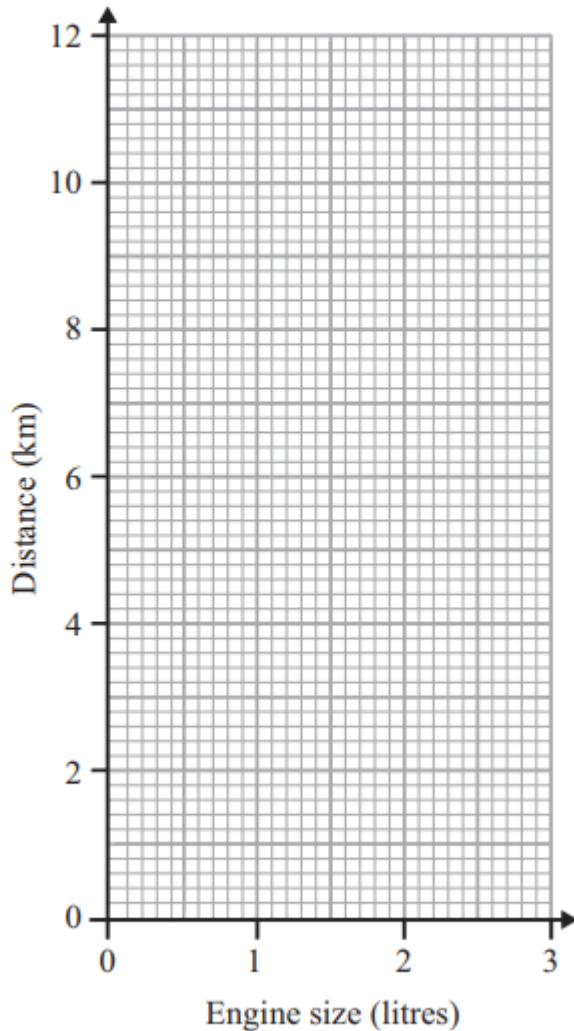
Answer _____ [3]

- 12 The table shows the engine size (litres) of different cars and the distance (km) that the cars can travel on one litre of petrol.

Engine size	1.0	1.8	2.4	1.2	2.1	1.5	2.7
Distance	12	8.6	5	9.4	5.9	10.2	3.8

- (a) Draw a scatter graph.

[2]



- (c) Another car travels 7 km on one litre of petrol. Use your line of best fit to estimate the engine size of this car.

Answer _____ litres [1]

- (d) Describe the correlation in this scatter graph.

Answer _____ [1]