

Exam questions

Question 1

Meg needs to replace part of her garden fence to keep her dog safe.

She needs to replace 78 feet of fencing.

Meg buys fencing measured in metres.

Meg uses 1 metre is 3.28 feet.

Work out how many metres of fencing Meg needs.

Question 2

Susie wants to make a dress.

To make the dress she needs a piece of fabric with a length of $2\frac{3}{4}$ yards.

Fabric is sold in lengths measured in cm.

1 inch = 2.54 cm

1 yard = 36 inches

Work out the length of fabric, in cm, Susie needs to make the dress.

You **must** show your working.

Question 3

Wesley is a salesman.

He wants to work out the total cost of the petrol he will use for travel next week.

Wesley knows

- he will drive a total of 520 miles
- his car uses 1 gallon of petrol per 28 miles
- petrol costs 128.4 pence per litre
- 1 gallon = 4.55 litres.

Wesley thinks the petrol he will use for travel next week will cost more than £100.

Is Wesley correct?

Show why you think this.