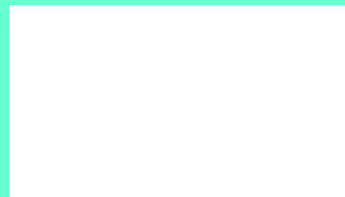
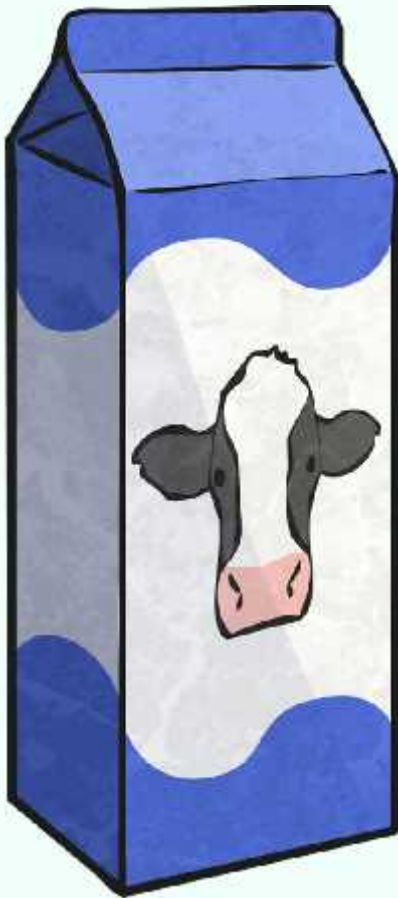


Maths Mastery

Metric and Imperial Equivalences



Litres and Pints



Milk is sold in pint, 2 pint, 4 pint or 6 pint cartons. A cook requires 2 litres of milk. Which would be the smallest carton of milk the cook could buy?

1 pint = 0.57 litres

1 litre = 1.75 pints

4 pints = 2.28 litres or 2
litres = 3.5 pints
4 pint carton

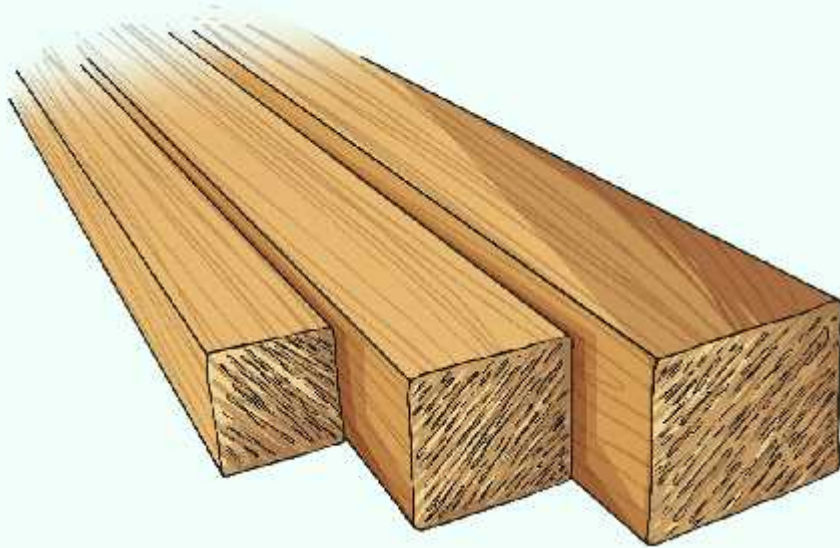
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Answers

Centimetres and Inches

Some pieces of wood are still sold in inches.

These are known as 2 x 2, because the square end is 2 inches x 2 inches.

What is the area of the end in square centimetres?



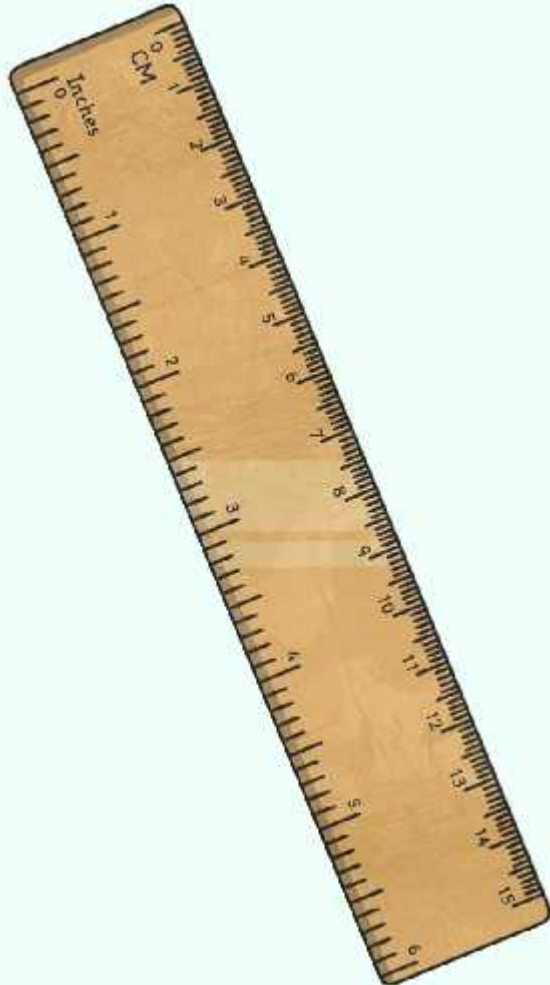
$$1 \text{ inch} = 2.5 \text{ cm}$$

$$1 \text{ cm} = 0.4 \text{ inches}$$

$$25 \text{ cm}^2$$

Hide
Answers

Centimetres and Feet



A 30cm ruler sometimes measures inches on the other side.

How many feet are approximately the same as 30cm?

$$1 \text{ inch} = 2.5\text{cm}$$

$$1 \text{ foot} = 12 \text{ inches}$$

1 foot

Hide
Answers

Metres and Yards



A running track was previously measured in yards. One lap was 440 yards. To the nearest 10 metres, how many metres is 440 yards?

$$1 \text{ yard} = 0.91\text{m}$$

$$1 \text{ metre} = 1.09 \text{ yards}$$

400m

Hide
Answers

Pound and Kilogram

A new born baby weighed 8.5lb. How much was this in kg to the nearest whole number?



$$1 \text{ lb} = 0.45 \text{ kg}$$

$$1 \text{ kg} = 2.2 \text{ lb}$$

4kg

Hide
Answers

Kilometres and Miles

In the UK distances are measured in miles, but in Europe they are measured in kilometres. Complete this table:



5 miles = 8km

Journey	Miles	Kilometres
London to Sheffield	165	264
Belfast to Dublin	105	168
Manchester to Birmingham	85	136
Paris to Rome	887.5	1420

Hide
Answers

