04.03.21 Fluent in five

1) 10% x 490 =
2) 95% of 940 =
3) 12% of 110 =
4) 6573 x 12 =
5) 9936 ÷ 23 =
6) What is the difference between a square and a rhombus?

1) 10% x 490 =
2) 15% of 800 =
3) 4% of 240 =
4) 7541 x 14 =
5) 8370 ÷ 18 =
6) What is the difference between a square and a rhombus?

WALT understand metric measures

https://vimeo.com/504804646

What are metric measurements?

The metric system is a system of measurement that uses the meter, liter, and gram as base units of length (distance), capacity (volume), and weight (mass) respectively.

What units of measure do you know already?

Sort the metric units into the correct categories.

ml	mm	g	kg	tonne	l	km

Mass	Length	Capacity

Match the measure to its definition.

length	how much an object weighs
volume	the amount of space enclosed by a container
mass	how much of a solid, liquid or gas an object can hold
capacity	the measurement of something from end to end

Circle the most appropriate unit for each item.

a) the mass of an elephant

g kg l tonnes

b) the length of a classroom

cl cm m km

c) the capacity of a water bottle

cm^3 m^3 ml l

d) the length of a fly

mm cm m mg

Circle the best estimate for each item.

a) the capacity of a glass

2 ml 20 ml 200 ml 2,000 ml

b) the length of a rounders bat

50 mm 50 cm 50 m 50 km

c) the mass of a car

1.5 g 1.5 kg 1.5 tonnes 15 kg

d) the length of a football pitch

100 cm 100 m 100 km 100 mm

Estimate the length of your classroom. Give units with your answer.

Varied Fluency

Choose the unit of measure that would be the most appropriate to measure the items.

cm kg km g tonnes ml mm litres

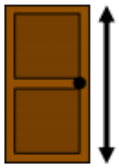
- The weight of an elephant
- The volume of water in a bath
- The length of an ant
- The length of a football pitch
- The weight of an apple

Estimate how much juice the glass holds:

250 ml 2 litres 0.5 litres $\frac{1}{2}$ kg

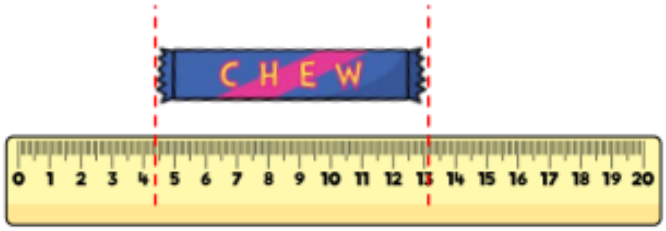
Estimate the height of the door frame:

20 mm 20 cm 20 m 2 km 2 m 0.2 km



Teddy thinks his chew bar is 13.2 cm long.

Do you agree? Explain why.



Ron's dog is about $\frac{1}{4}$ of the height of the door.
Ron is three times the height of his dog.
Estimate the height of Ron and his dog.

Here is a train timetable showing the times of trains travelling from Halifax to Leeds.

Halifax	Leeds
07:33	08:09
07:49	08:37
07:52	08:51

An announcement states all trains will arrive $\frac{3}{4}$ of an hour late.

Which train will arrive in Leeds closest to 09:07?