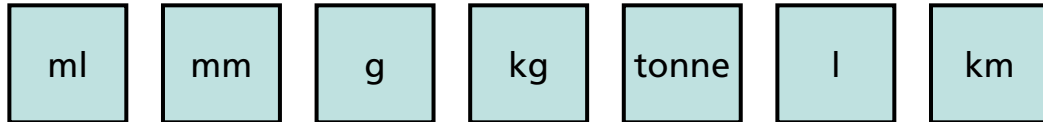


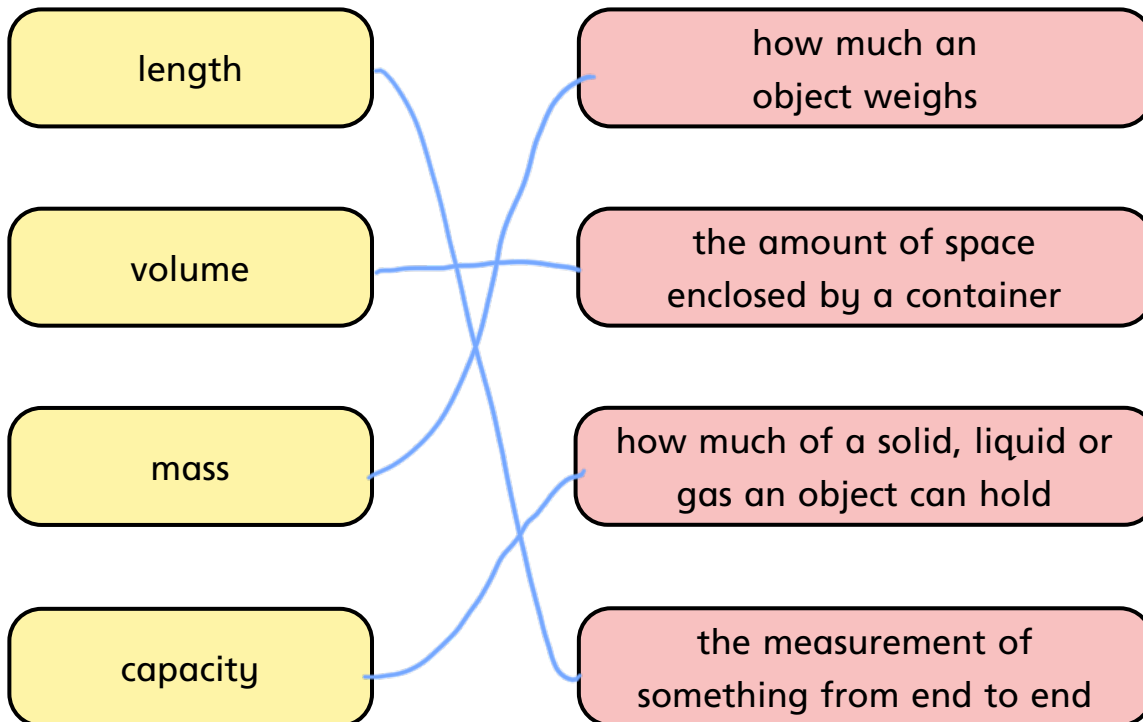
# Metric measures

1 Sort the metric units into the correct categories.



Mass	Length	Capacity
g kg tonne	mm km	ml l

2 Match the measure to its definition.



3 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<sup>3</sup>      m<sup>3</sup>      ml      l

d) the length of a fly

mm      cm      m      mg

4 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

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

Various

Compare answers with a partner.

6



It's impossible to measure the school field using centimetres!

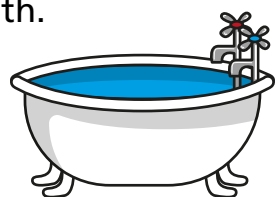
Do you agree with Mo? No

Explain your thinking.

It's not impossible it's just not the most appropriate / efficient.

7

Estimate how much water it would take to fill a bath.

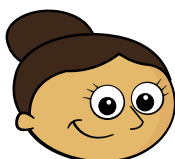


Various

Explain your estimate to a partner.

8

Dora and Ron are estimating the capacity of a jug.



The capacity of a jug is approximately 1 litre.

The capacity of a jug is approximately 600 ml.

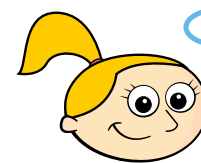


They could both be correct.

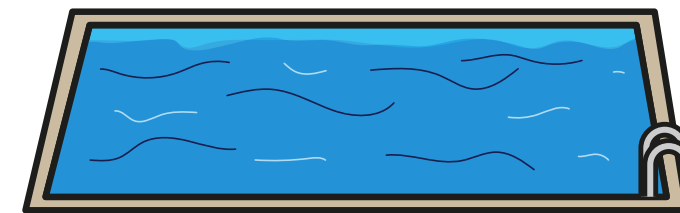
Talk about why with a partner.

9

Eva is thinking about how to estimate the capacity of a swimming pool.



I know that a metal can holds roughly 200 ml of liquid. So to find out the capacity of a swimming pool, I could just imagine how many cans could fit into it!



Create your own way of estimating the capacity of a swimming pool.

Various

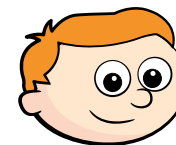
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10



I wonder how heavy our school is.

Write a plan to estimate the mass of your school.

Various

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