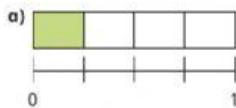
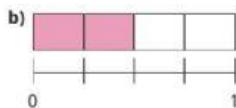
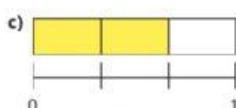


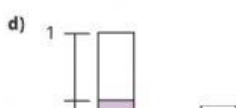
Fractions and scales

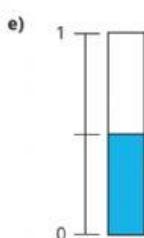
1 What fraction of each shape is shaded?



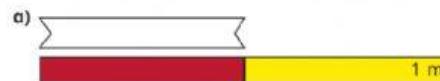








2 Write the length of each ribbon as a fraction of a metre.


 m

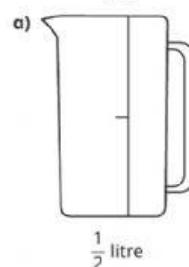
 m

 m

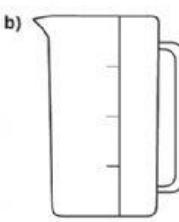
 m

3 Each jug has a capacity of 1 litre.

Shade the jugs to show where the water would reach.



$\frac{1}{2}$ litre



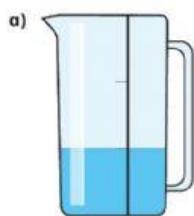
$\frac{2}{4}$ litre

What do you notice?

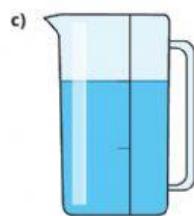


4 Each jug has a capacity of 1 litre.

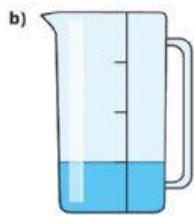
What fraction of a litre of water is in each jug?



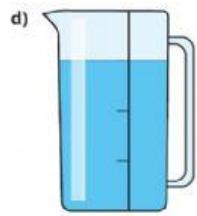
l



l



l



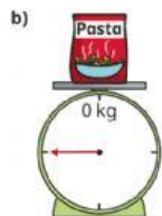
l

5 The scales measure up to 1 kg.

What fraction of a kilogram is shown on each scale?



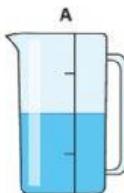
kg



kg

6 Tiny is ordering the jugs of water, starting with the smallest volume.

The capacity of each jug is 1 litre.

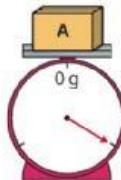


Do you agree with Tiny? _____

Explain your reasons.

7 The scales measure up to 1 kg.

The mass of box B is greater than the mass of box A.



What could the mass of box B be?

Draw arrows on the scales to show three possible masses.

