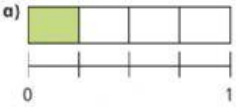
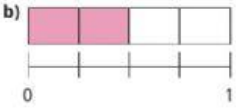
Fractions and scales

1 What fraction of each shape is shaded?

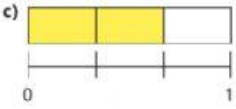
a)



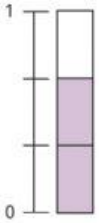
b)



c)



d)



e)



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

a)



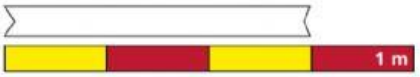
m

b)



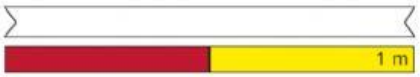
m

c)



m

d)

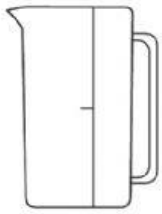


m

3 Each jug has a capacity of 1 litre.

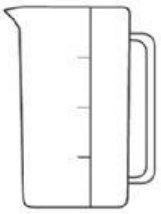
Shade the jugs to show where the water would reach.

a)



$\frac{1}{2}$ litre

b)



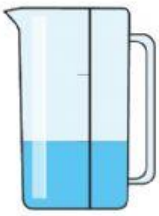
$\frac{2}{4}$ litre

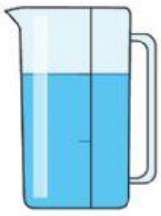
What do you notice?

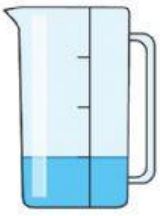
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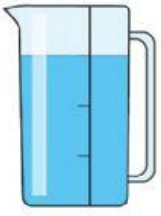
4 Each jug has a capacity of 1 litre.

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

a)  ☐ l

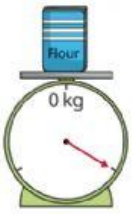
c)  ☐ l

b)  ☐ l

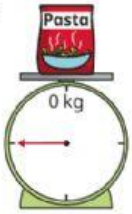
d)  ☐ l

5 The scales measure up to 1 kg.

What fraction of a kilogram is shown on each scale?

a) 

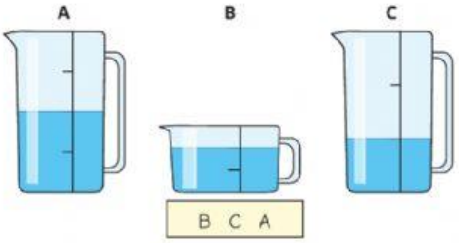
☐ kg

b) 

☐ kg

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

The capacity of each jug is 1 litre.

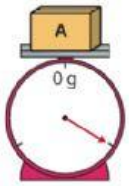


Do you agree with Tiny? _____

Explain your reasons.

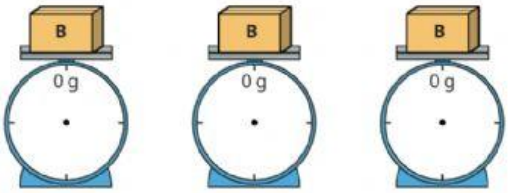
7 The scales measure up to 1 kg.

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.



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