1 What is the mass of each object?

a)

The pencil has a mass of **15** g.

b)
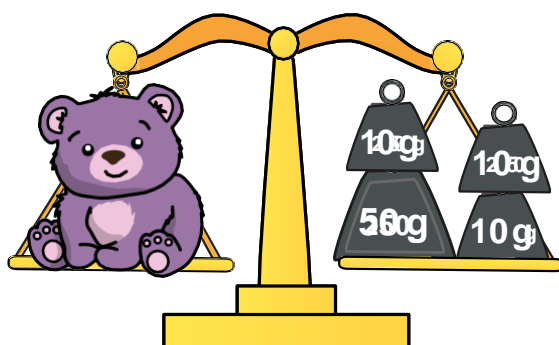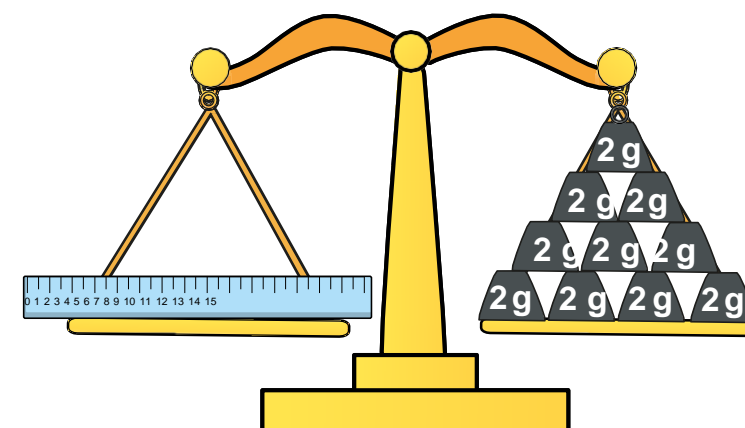
The teddy has a mass of **80** g.

c)
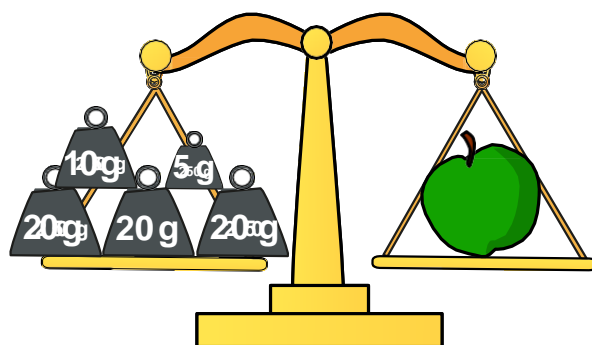
The apple has a mass of **75** g.

2 How many grams does the ruler weigh?

20 g

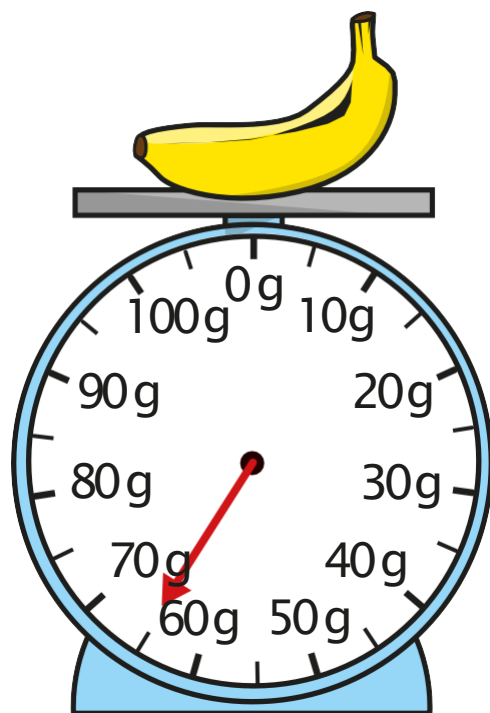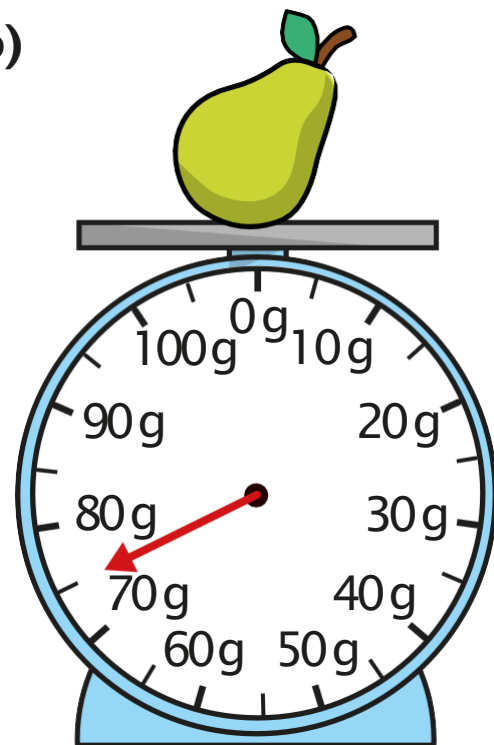**3** What is the mass of each 3D shape?

a)
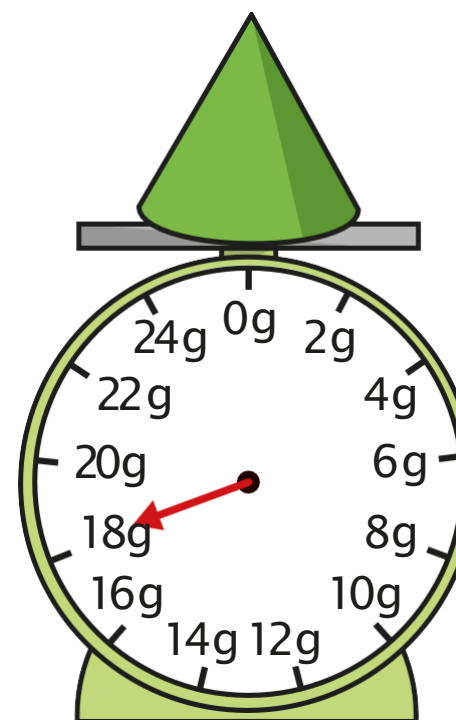
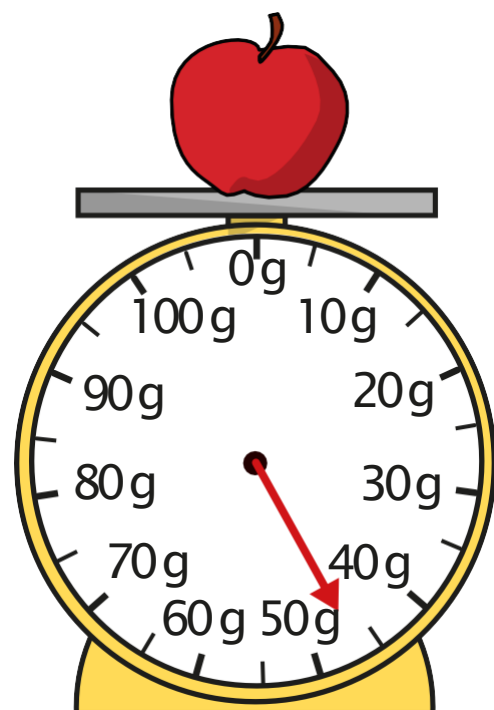**18** g

b)
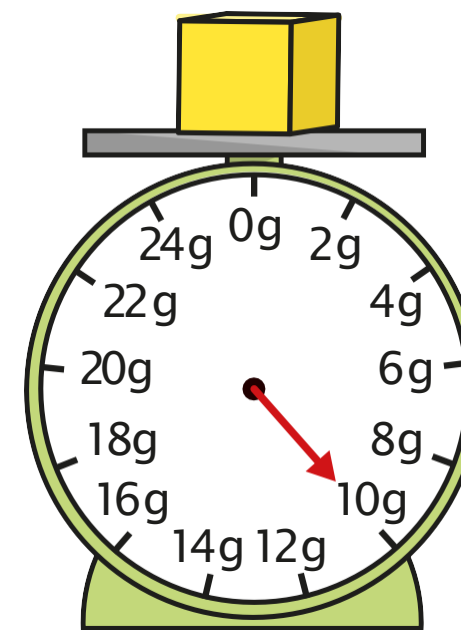
10 g

4 What is the mass of each piece of fruit?
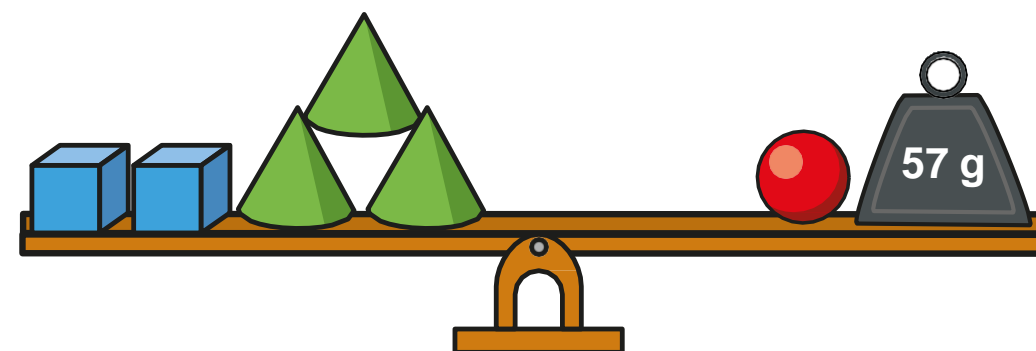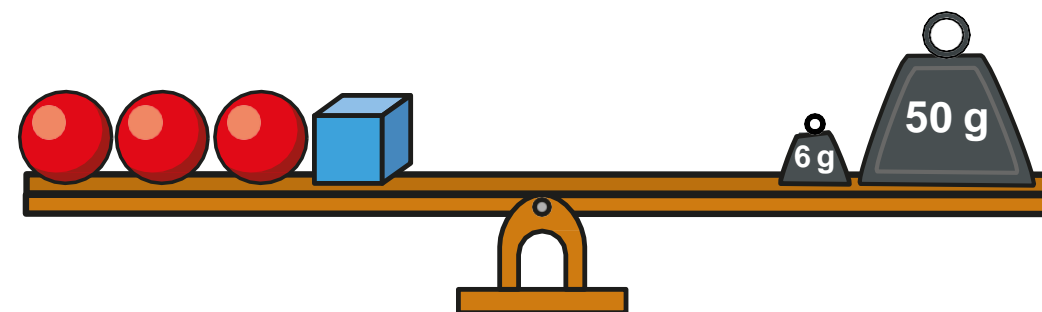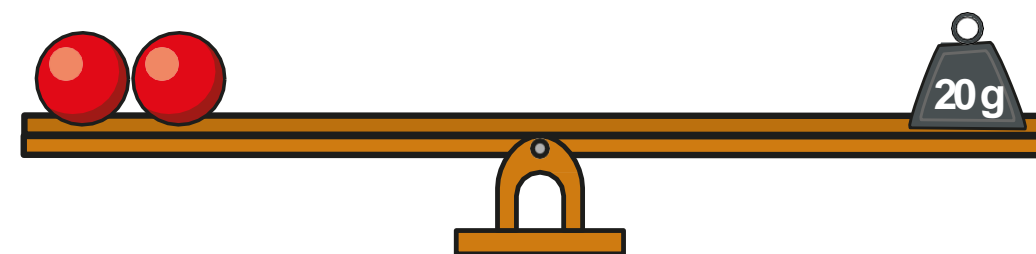
a)

b)

65 g

75 g

c) Which piece of fruit is heavier? _pear_
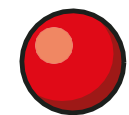
5 Estimate the mass of the apple.

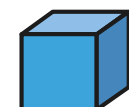46 g

6 Work out the mass of each 3D shape.
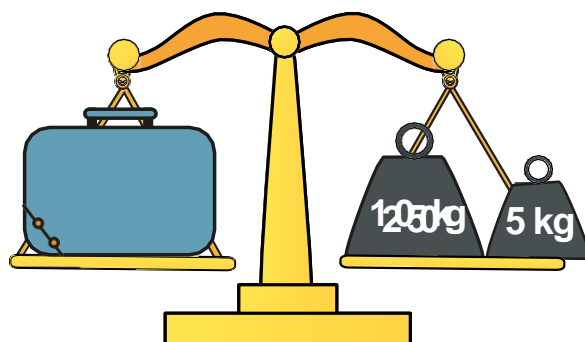

🔴 = 10 g

🟦 = 26 g

🟩 = 5 g

How did you work them out? Talk to a partner.

1 What is the mass of each object?

a)

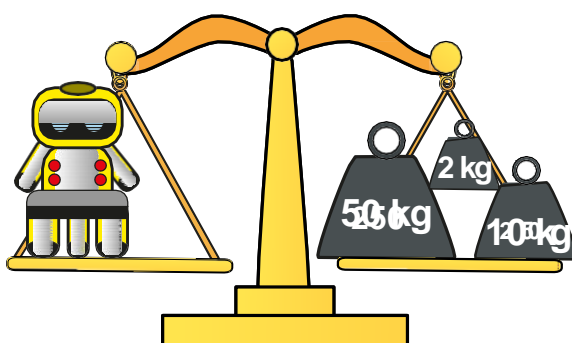12kg 5 kg

The case has a mass of $\boxed{15}$ kg.

b)

2 kg
50 kg 10 kg

The robot has a mass of $\boxed{62}$ kg.

c)

1 kg 1 kg
2kg 2kg kg
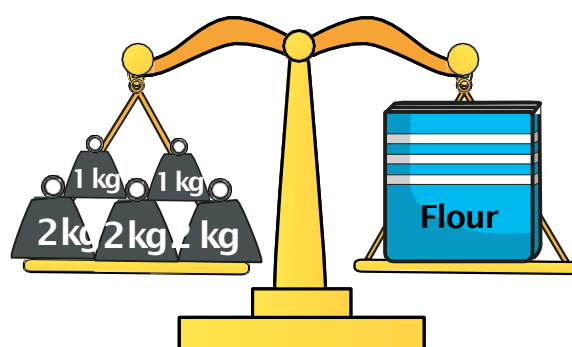
Flour

The box of flour has a mass of $\boxed{8}$ kg.

2 How many kilograms does Amir weigh?

5 kg
5 kg 5 kg 5 kg
5 kg 5 kg 5 kg

$\boxed{35}$ kg

3

40 kg
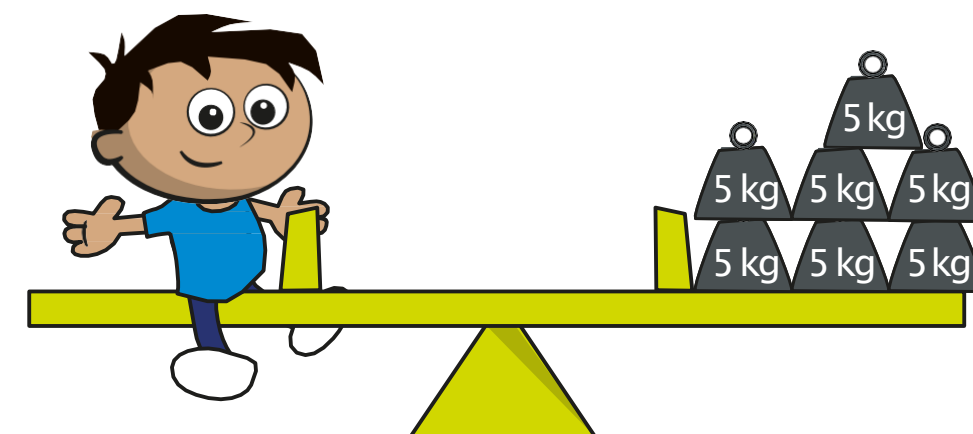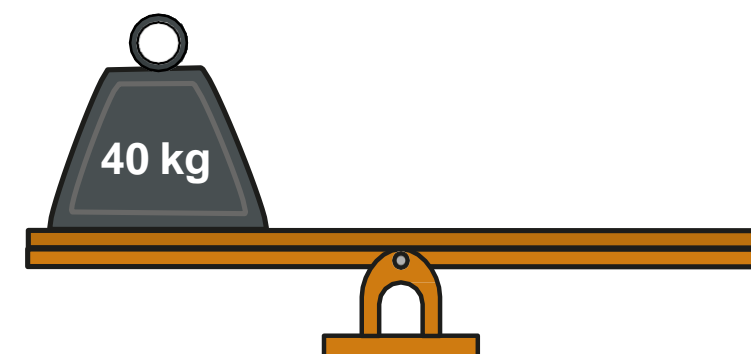
a) Circle the weights that will balance the scale.

e.g

50 kg
20kg 10kg 10kg 10kg 5kg 5kg
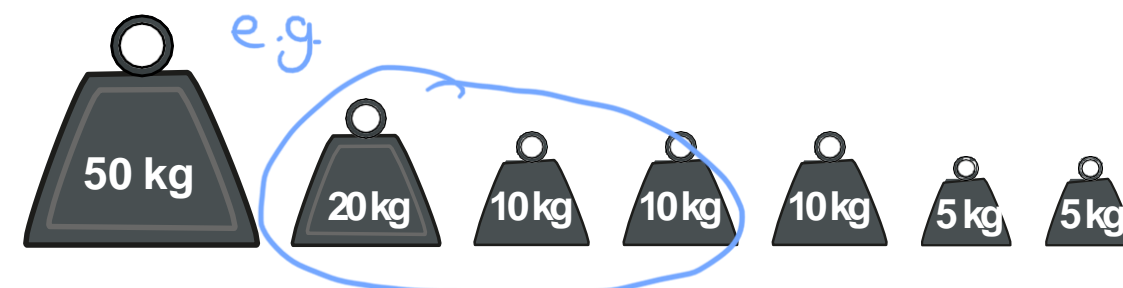
b) Find another way. Circle the weights.

e.g.

50 kg
20kg 10kg 10kg 10kg 5kg 5kg

4 What is the mass of each object?

a)

0kg
10kg
2kg
8kg
6kg
4kg

7 kg

b)

0kg
100kg
20kg
80kg
60kg
40kg
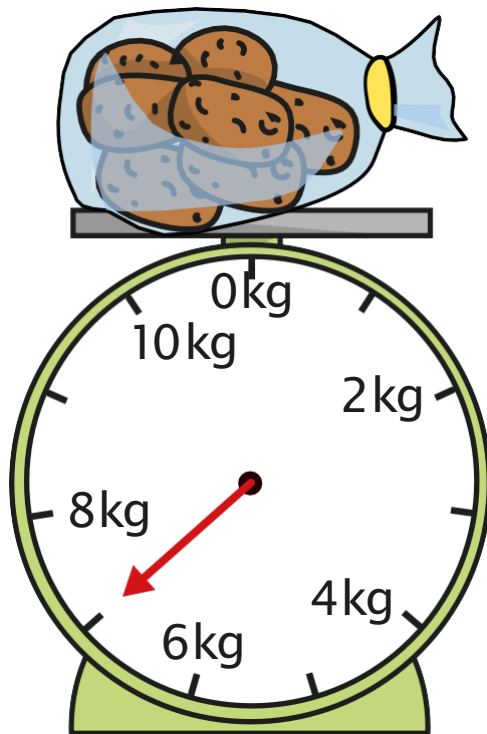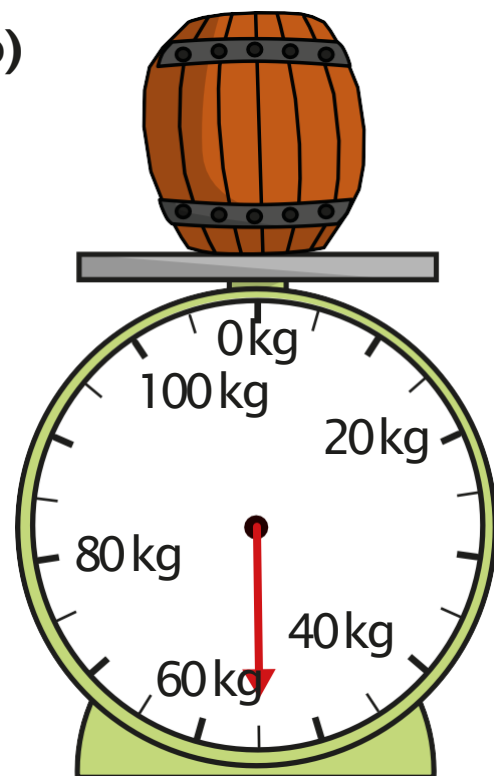
55 kg

5 a) Mo weighs his dog in January and June.

January
15 kg

June
28 kg

How much heavier is the dog in June?

13 kg

b) By December, the dog's weight has increased by another 10 kg.

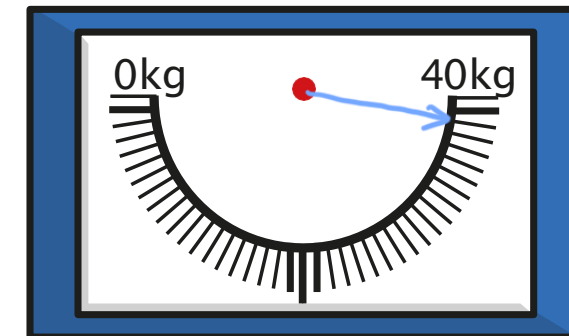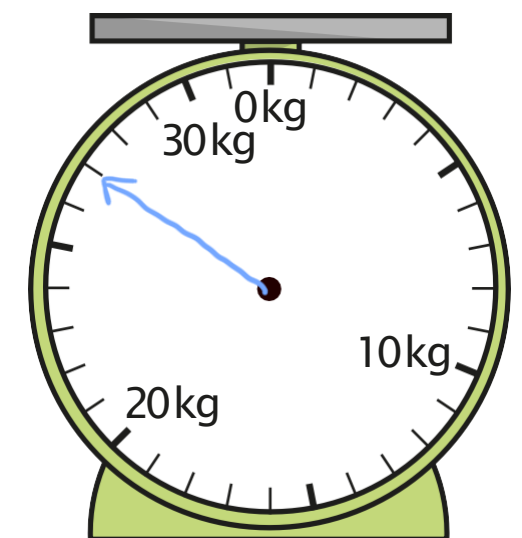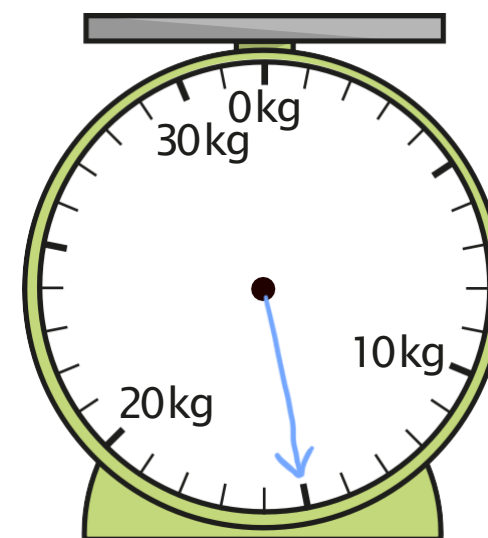Draw an arrow to show the weight of the dog in December.

0kg   40kg

By December, Mo's dog weighs   38   kg.

6 Mark the mass on each scale.

a) 15 kg   b) 27 kg

0kg
30kg
20kg
10kg

0kg
30kg
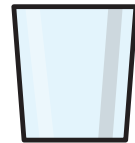20kg
10kg

Compare volume
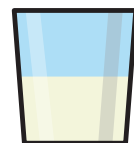
1 Here are three glasses.

A   B   C

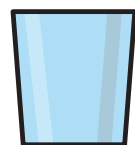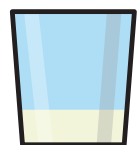a) Which glass is empty? _____ C

b) Which glass is half full? _____ B
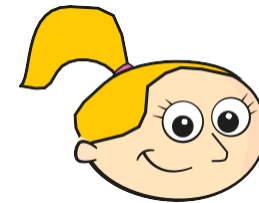
c) Which glass is full? _____ A

2 Tommy has some milk in a glass.

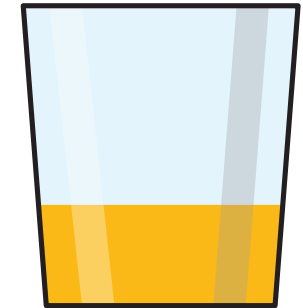Circle all the glasses that have more milk than Tommy's.
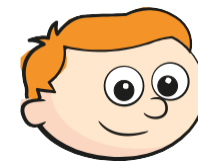
3 Eva, Ron and Amir have some juice.
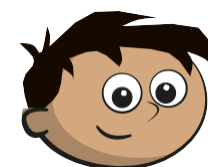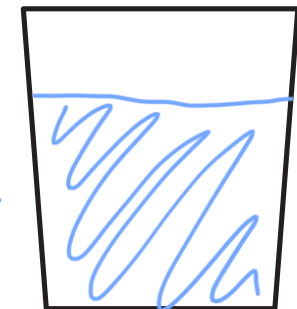
This is my juice.

Eva

Shade the glasses to show how much juice Ron and Amir could have.
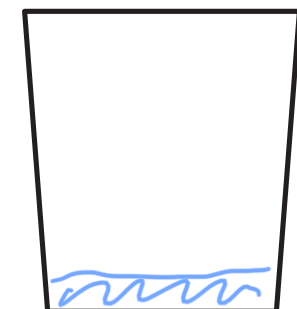
I have more juice than Eva.
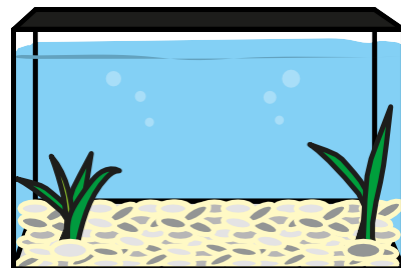
Ron

e.g.

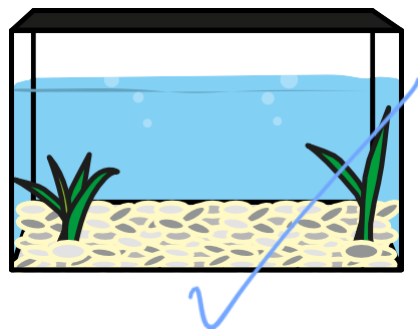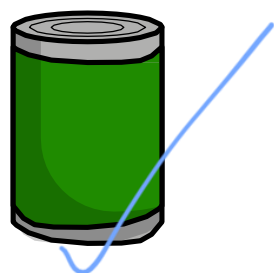I have less juice than Eva.

Amir

e.g.

Compare answers with a partner.

4 Which fish tank contains less water?

Tick your answer.

 ✓

5 Tick the object with the greater capacity.

 ✓

6 Tick the object with the greatest capacity.

 ✓
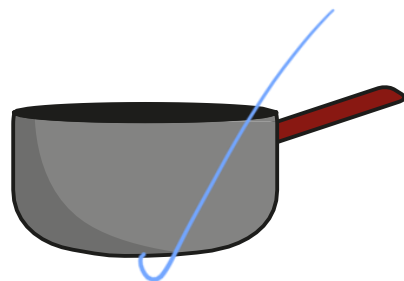
7 Put these objects in order of how much water they can hold.

Start with the object that has the smallest capacity.

A   **B**   **C**

___C_____A_____B___

| smallest | | greatest |

8 Whitney says B contains more water than A.

A   **B**

Why might Whitney think this?

What could she do to check?

Millilitres

1 How much water is there in each beaker?

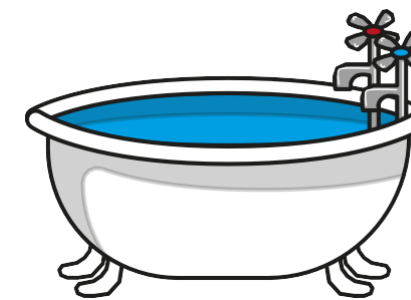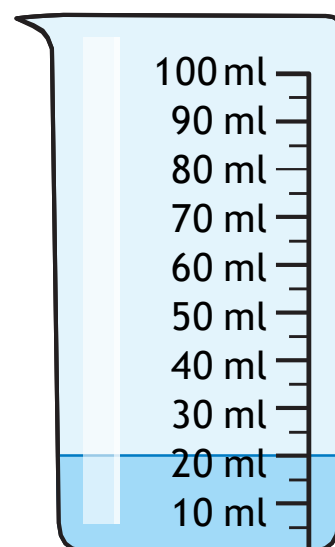a)

100 ml
90 ml
80 ml
70 ml
60 ml
50 ml
40 ml
30 ml
20 ml
10 ml

60 ml

c)

100 ml
90 ml
80 ml
70 ml
60 ml
50 ml
40 ml
30 ml
20 ml
10 ml

20 ml

b)

100 ml
90 ml
80 ml
70 ml
60 ml
50 ml
40 ml
30 ml
20 ml
10 ml

85 ml

d)

100 ml
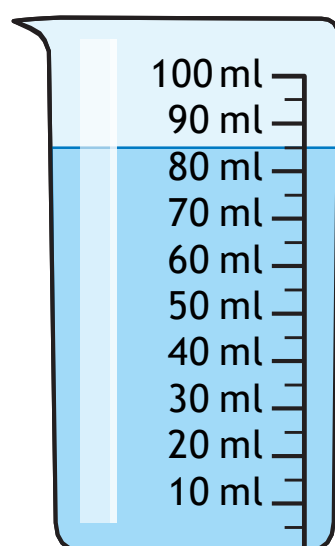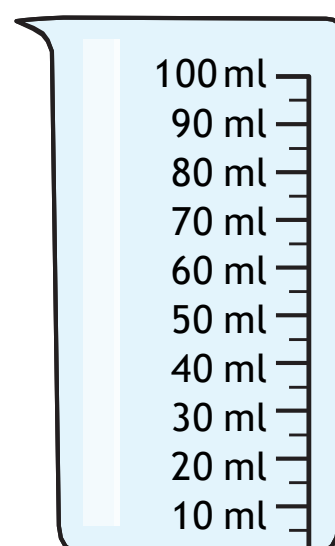90 ml
80 ml
70 ml
60 ml
50 ml
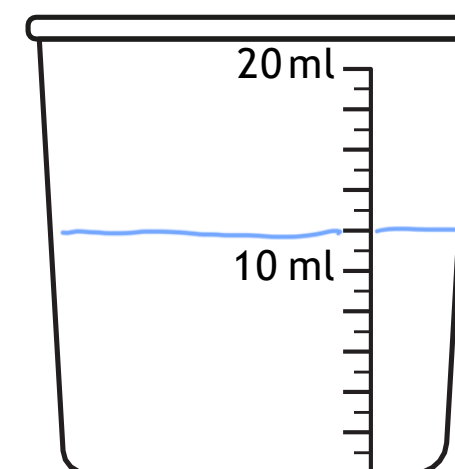40 ml
30 ml
20 ml
10 ml
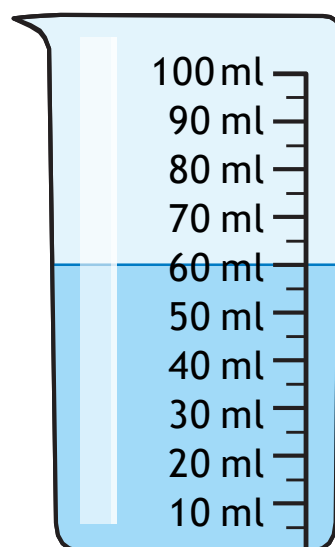
0 ml

2 Jack pours 12 ml of water into a measuring container.

20 ml
10 ml

Draw a line to show where the water reaches.

3 A teaspoon holds 5 ml.

A tablespoon holds 15 ml.

5 ml

15 ml

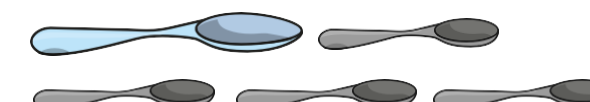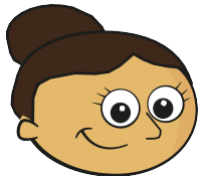Work out the total capacity of the spoons.

a)

25 ml

b)

30 ml

c)

35 ml

4 A recipe includes 45 ml of lemon juice.

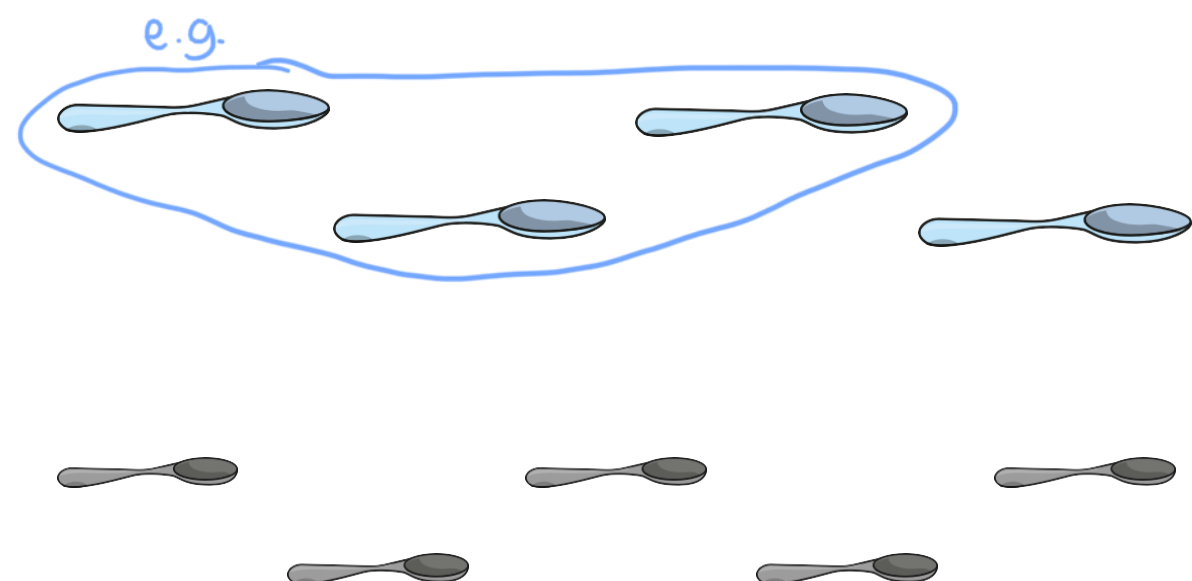I can measure this using a teaspoon.

Dora

teaspoon 5 ml
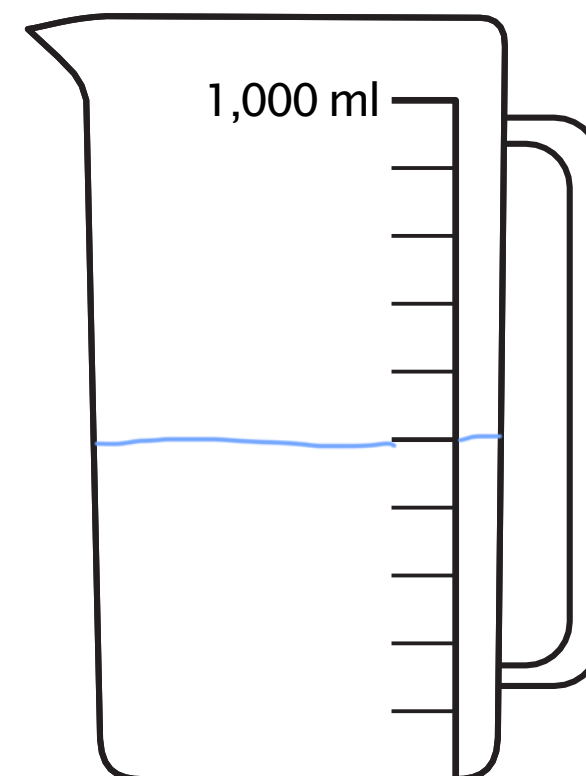
tablespoon 15 ml

a) How many teaspoons is 45 ml?

9

b) Find another way of measuring 45 ml.

Circle your answer.

e.g.

5 How can you work out the capacity of an egg cup?

Talk about it with a partner.

6 Draw a line on the jug to show where 500 ml of juice would reach.

1,000 ml

7 Mo opens a can of drink.

He pours it all into a measuring jug.

100 ml

50 ml

Draw a line to show where the drink will reach.