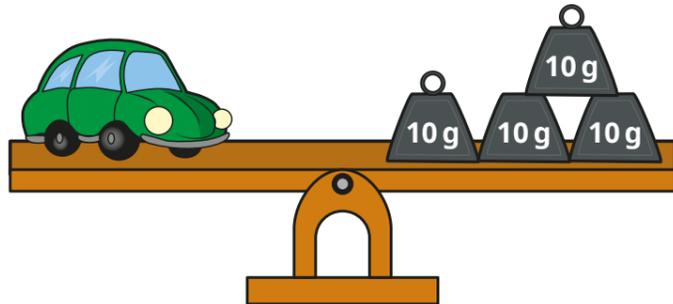
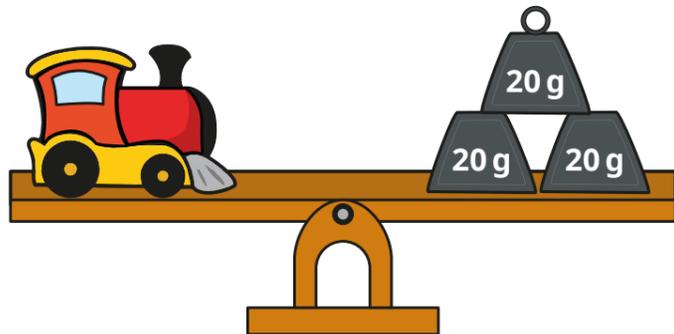


Four operations with mass

- 1 a) Work out the mass of the car and the train.

 g g

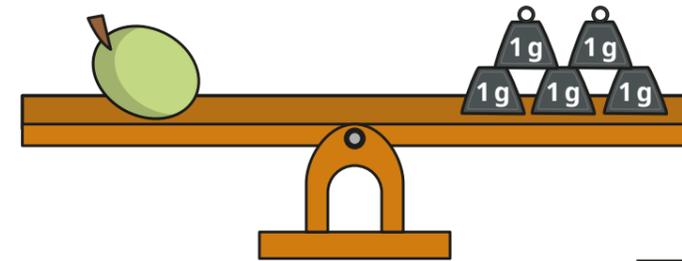
- b) How much heavier is the train than the car?

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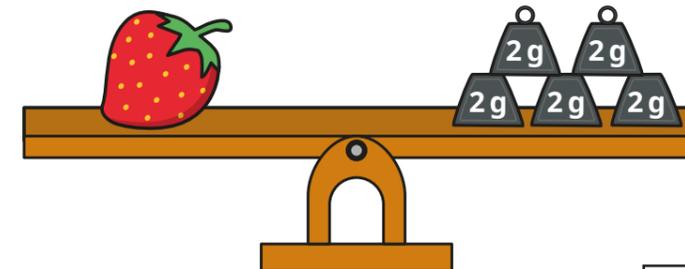
- c) What is the total mass of the car and the train?

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- 2 a) What is the mass of 4 grapes?

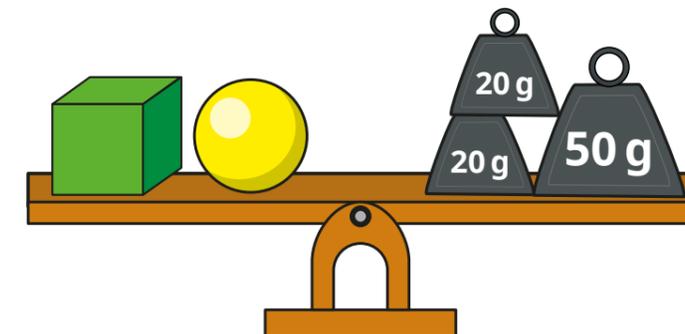
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- b) What is the mass of 2 strawberries?

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What do you notice?

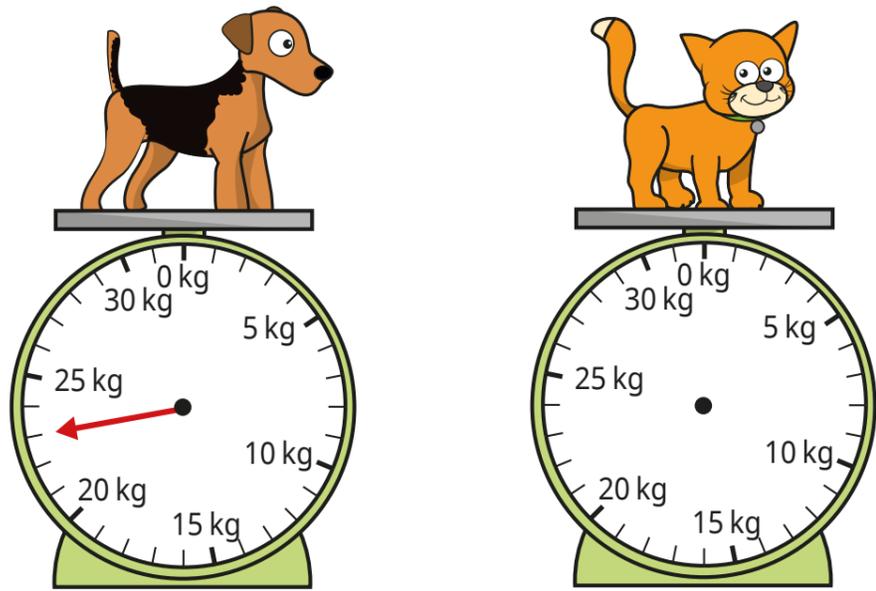
- 3 The mass of the cube is 30 g.



What is the mass of the sphere?

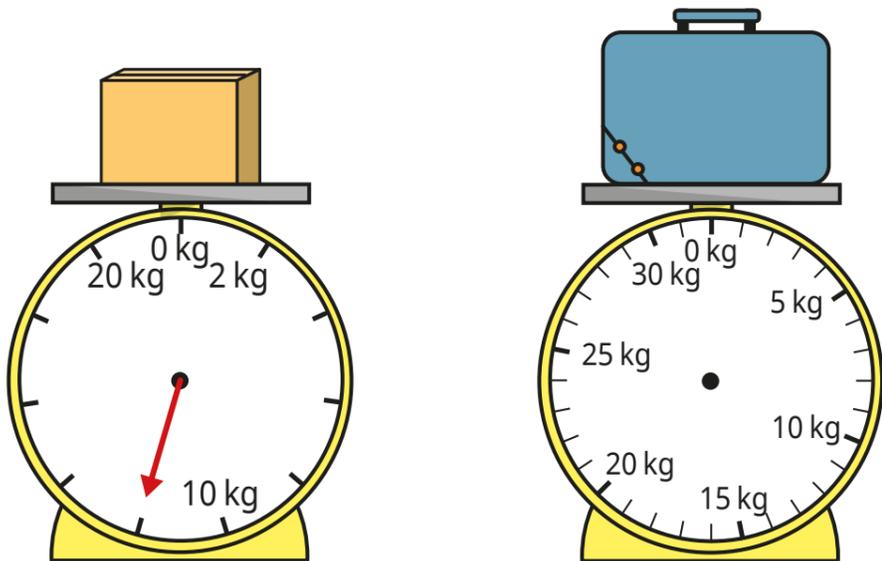
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- 4 The cat is 12 kg **lighter** than the dog.



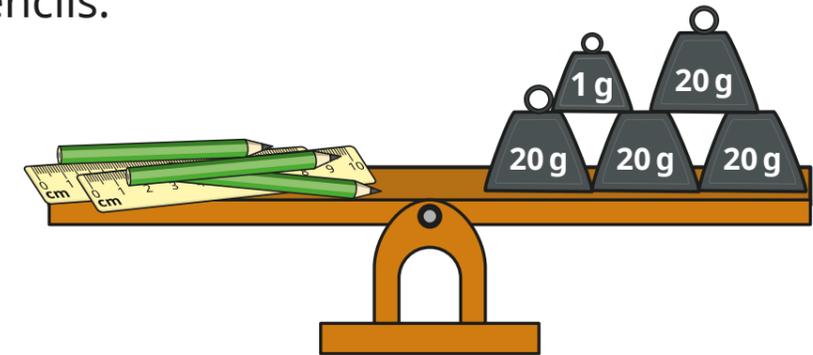
Draw an arrow to show the mass of the cat.

- 5 The suitcase is 17 kg **heavier** than the box.



Draw an arrow to show the mass of the suitcase.

- 6 The mass of a ruler is 24 g.
Ron uses weights to balance 2 rulers and 3 pencils.



- a) What is the mass of **one** pencil?

 g

The mass of a rubber is twice the mass of a pencil.

- b) Draw an arrow on the scale to show the total mass of the three objects.

