Y3 Mass Kg G

KS2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Would you weigh an apple in grams or kilograms?

Step 1 · A kilogram is about a bag of sugar

An apple is much lighter

Step 2 · Grams are used for lighter things

An apple is about 150 g

Answer: Grams

Check: Use kg for heavy things like a dog, a suitcase or yourself.

2. Now try one with the steps

A melon weighs 650 g. A pear weighs 180 g. How much heavier is the melon?

Step 1 · Heavier by how much? Find the difference

Step 2 · 650 − 100 = 550, then 550 − 80

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. How many grams are in 1 kilogram?

2. Would you weigh a feather in g or kg?

3. Would you weigh a bicycle in g or kg?

4. Which is heavier: 300 g or 250 g?

5. A scale's pointer is halfway between 400 g and 500 g. What does it show?

6. A bag of carrots is 400 g and a bag of onions is 300 g. What is the total mass?

7. A cat weighs 4 kg. A dog weighs 9 kg. How much heavier is the dog?

8. A cake recipe needs 250 g of flour and 175 g of sugar. What is the total mass?

9. How many more grams make 1 kg if you have 600 g?

10. Half a kilogram is how many grams?

11. A parcel weighs 850 g. The box on its own is 95 g. How heavy is what is inside?

12. Which is heavier: 2 kg 100 g or 2 kg 75 g?

13. Three identical tins weigh 600 g altogether. How much does one tin weigh?

14. A suitcase weighs 15 kg. Owen takes out 3 kg of books and adds a 1 kg coat. How heavy is it now?

4. Before you hand it in

Reading a scale by counting every mark as 1 g.
Look at two numbered marks and count the gaps between them. If 100 g has 2 gaps, each gap is 50 g.

Thinking bigger objects are always heavier.
A big balloon is lighter than a small stone. Weigh to find out.

Adding 1 kg and 200 g to get 201.

Keep the units: 1 kg and 200 g is written 1 kg 200 g.

Thinking 1 kg is 100 g.

Kilo means thousand: 1 kg = 1,000 g.