

Convert the following measurements using the example below.

Remember that you need to convert all measurements to the same units if a question uses a mix of units.

Examples

A monkey weighs 8500 g.
What is its weight in kilograms?

$$1 \text{ kg} = 1000 \text{ g}$$

$$8500 \div 1000 = 8.5$$

So the monkey weighs **8.5 kg**.

Calculate $2.4 \text{ kg} + 1300 \text{ g}$.

Give your answer in kg.

$$1 \text{ kg} = 1000 \text{ g}$$

$$1300 \text{ g} = 1300 \div 1000 = 1.3 \text{ kg}$$

$$2.4 \text{ kg} + 1.3 \text{ kg} = \mathbf{3.7 \text{ kg}}$$



Set B

1 A nail is 3.25 cm long.
How long is this in mm?

2 A bath has 182 000 ml water inside. How much is this in litres?

3 A case weighs 17 290 g.
How much is this in kg?

4 A road is 2710 m long.
How long is this in km?

The chocolate cake weighs 0.6 kg.
The vanilla cake weighs 200 g more.

5 How much does the vanilla cake weigh, in kilograms?

6 What is the total weight of the two cakes, in grams?

7 Harry has 450 ml of custard and uses 0.2 litres. How many ml of custard does he have left?

Find the missing values.

8 $5.5 \text{ kg} + 3500 \text{ g} = \square \text{ kg}$

9 $30 \text{ cm} + 420 \text{ mm} = \square \text{ cm}$

10 $550 \text{ mm} - 35 \text{ cm} = \square \text{ mm}$

11 $12\ 800 \text{ m} - 4.2 \text{ km} = \square \text{ km}$

12 $8.5 \text{ kg} + 4150 \text{ g} = \square \text{ g}$

13 $4250 \text{ ml} + 9.75 \text{ litres} = \square \text{ ml}$

14 $22.6 \text{ kg} + 5400 \text{ g} = \square \text{ kg}$