

- 1** How many millimetres are there in a kilometre?
Circle your answer.

[1 mark]

10^3

10^5

10^6

10^9

- 2** Lily's age is 2 years and 4 months.
Hugo's age is 1 year and 8 months.

Write Lily's age in months as a fraction of Hugo's age in months.
Give your fraction in its simplest form.

[2 marks]

Answer _____

3 A square has an area of 0.25 square metres.

Circle the length, in **centimetres**, of one side of the square.

[1 mark]

0.5 cm

5 cm

50 cm

500 cm

- 4 A factory packs x boxes of teabags per hour.
Each box contains 80 teabags.

Show that the factory packs $\frac{4x}{3}$ teabags per minute.

[2 marks]

5 Circle the correct statement.

[1 mark]

$1 \text{ m}^2 = 100 \text{ mm}^2$

$1 \text{ cm}^2 = 100 \text{ mm}^2$

$1 \text{ m}^2 = 100 \text{ cm}^2$

$1 \text{ km}^2 = 100 \text{ m}^2$

- 6 Concrete from a truck is poured at 10.9 kg **per second** for 30 minutes.

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

Is more than 20 tonnes of concrete poured?

Tick a box.

Yes

☐

No

☐

You **must** show your working.

[4 marks]
