

## MATHS CHALLENGE 10

<b>TASK</b>	<b>KNOW METRIC MEASURES AND EQUIVALENT AMOUNTS</b>
<b>REWARD</b>	<b>COMPASS</b>

### Converting measurements

Your child is now working on their next maths target - converting metric measurements.

metres (**m**) kilometres (**km**) centimetres (**cm**) millimetres (**mm**)  
litres (**l**) millilitres (**ml**) grams (**g**) kilograms (**kg**)

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

$$\frac{1}{2} \text{ m} = 50 \text{ cm}$$

$$\frac{1}{4} \text{ m} = 25 \text{ cm}$$

$$\frac{3}{4} \text{ m} = 75 \text{ cm}$$

$$1/10 \text{ m} = 10 \text{ cm}$$

$$1/100 \text{ m} = 1 \text{ cm}$$

$$1 \text{ cm} = 10 \text{ mm}$$

$$\frac{1}{2} \text{ cm} = 5 \text{ mm}$$

$$1/10 \text{ cm} = 1 \text{ mm}$$

$$1 \text{ km} = 1000 \text{ m}$$

$$\frac{1}{2} \text{ km} = 500 \text{ m}$$

$$\frac{1}{4} \text{ km} = 250 \text{ m}$$

$$\frac{3}{4} \text{ km} = 750 \text{ m}$$

$$1/10 \text{ km} = 100 \text{ m}$$

$$1/100 \text{ km} = 10 \text{ m}$$

$$1 \text{ l} = 1000 \text{ ml}$$

$$\frac{1}{2} \text{ l} = 500 \text{ ml}$$

$$\frac{1}{4} \text{ l} = 250 \text{ ml}$$

$$\frac{3}{4} \text{ l} = 750 \text{ ml}$$

$$1/10 \text{ l} = 100 \text{ ml}$$

$$1/100 \text{ l} = 10 \text{ ml}$$

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

$$\frac{1}{2} \text{ kg} = 500 \text{ g}$$

$$\frac{1}{4} \text{ kg} = 250 \text{ g}$$

$$\frac{3}{4} \text{ kg} = 750 \text{ g}$$

$$1/10 \text{ kg} = 100 \text{ g}$$

$$1/100 \text{ kg} = 10 \text{ g}$$

Please could you help your child learn these facts.

Your child may be asked questions such as - how many cm in  $\frac{1}{2}$  m?

- How many g in 1.6 kg?

-  $2 \frac{3}{4}$  km = ? m

Your child will receive their reward once they have successfully demonstrated they can convert metric measures.

A useful web site - [www.teachingmeasures.co.uk](http://www.teachingmeasures.co.uk)