

Arithmetic

1. $\frac{3}{4} \times \frac{2}{5}$

2. $4 - 0.76$

3. 0.5×28

4. $2\frac{1}{2} \times 5$

Practice: Convert Metric Measures

5. Recap: What does 'metric' mean?



6. Convert to kilograms.

- a. 3,300g b. 520g c. 2g

7. Convert to grams.

- a. 5kg b. 0.07kg c. 3.202kg

8. Convert to millimetres.

- a. 50cm b. 2m c. 0.3cm

9. Convert to centimetres.

- a. 33mm b. 5.2m c. 0.038km

10. Define the prefixes

milli-
kilo-
centi-



11. Convert to metres.

- a. 240mm b. 82cm c. 7.9km

12. Convert to kilometres.

- a. 5,800cm b. 3,276m c. 470m

13. Torin says $2,540\text{g} = 254\text{kg}$.

Explain the mistake.



Challenge

14. Match the conversion with the method you would use to convert.

Convert g into kg

$\div 10$

Convert m into mm

$\times 100$

Convert m to cm

$\div 100$

Convert mm to cm

$\times 1,000$

$\div 1,000$



You might want
to talk to an adult



Spot the mistake

Answers

Q no.	Question	Answer
1	$\frac{3}{4} \times \frac{2}{5}$	$\frac{6}{20}$ or $\frac{3}{10}$
2	$4 - 0.76$	3.24
3	0.5×28	14
4	$2\frac{1}{2} \times 5$	$12\frac{1}{2}$
5	What does 'metric' mean?	There are two different types of units of measure: metric and imperial. Metric measures are commonly used in the UK. Metric measures follow base ten, imperial measures do not.
6	Convert to kilograms.	a. 3.3kg, b. 0.52kg, c. 0.002kg
7	Convert to grams.	a. 5,000g, b. 70g, c. 3,202g
8	Convert to millimetres.	a. 500mm, b. 2,000mm, c. 3mm
9	Convert to centimetres.	a. 3.3cm, b. 520cm, c. 3,800cm
10	Define the prefixes milli-, kilo-, centi-	Milli- and kilo- means one thousand. Centi- means one hundred.
11	Convert to metres.	a. 0.24m, b. 0.82m, c. 7,900m
12	Convert to kilometres.	a. 0.058km, b. 3.276km, c. 0.47km
13	Explain the mistake.	Torin has not divided 2,540g by 1,000 to find the equivalent kilograms. The answer should be 2.54kg
14	Match the conversion with the method you would use to convert.	Convert g into kg - $\div 1,000$ Convert m into mm - $\times 1,000$ Convert m to cm - $\times 100$ Convert mm to cm - $\div 10$