

# Metric Units

## Workout

Question 1: Convert the following lengths into centimetres (cm)

- (a) 4 m                      (b) 9 m                      (c) 12 m                      (d) 59 m
- (e) 750 m                      (f) 105 m                      (g) 2.5 m                      (h) 8.2 m

Question 2: Convert the following lengths into metres (m)

- (a) 300 cm                      (b) 700 cm                      (c) 900 cm                      (d) 1400 cm
- (e) 250 cm                      (f) 740 cm                      (g) 1000 cm                      (h) 348 cm

Question 3: Convert the following lengths into centimetres (cm)

- (a) 60 mm                      (b) 30 mm                      (c) 65 mm                      (d) 87 mm
- (e) 280 mm                      (f) 812 mm                      (g) 2030 mm                      (h) 9000 mm

Question 4: Convert the following lengths into millimetres (mm)

- (a) 2 cm                      (b) 6 cm                      (c) 4.5 cm                      (d) 9.2 cm
- (e) 13 cm                      (f) 78 cm                      (g) 124 cm                      (h) 520 cm

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Question 5: Convert the following lengths into metres (m)

(a) 4 km                      (b) 9 km                      (c) 13 km                      (d) 28 km

(e) 125 km                      (f) 300 km                      (g) 7000 km                      (h) 7200 km

(i) 0.5 km                      (j) 0.8 km                      (k) 1.2 km                      (l) 2.6 km

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Question 6: Convert the following into grams

- (a) 2 kg                      (b) 7 kg                      (c) 19 kg                      (d) 20 kg
- (e) 1.5 kg                      (f) 2.4 kg                      (g) 4.7 kg                      (h) 0.5 kg

Question 7: Convert the following into kilograms

- (a) 7000 g                      (b) 3000 g                      (c) 12000 g                      (d) 40000 g
- (e) 3945 g                      (f) 600 g                      (g) 850 g                      (h) 735 g

Question 11: Convert the following into millilitres

- (a) 2 litres                      (b) 6 litres                      (c) 24 litres                      (d) 1.8 litres
- (e) 0.6 litres                      (f) 0.125 litres                      (g) 0.07 litres                      (h) 2.05 litres

Question 12: Convert the following into litres

- (a) 8000 ml                      (b) 3000 ml                      (c) 76000 ml                      (d) 750 ml
- (e) 540 ml                      (f) 121 ml                      (g) 88 ml                      (h) 1035 ml

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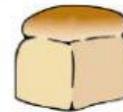
## Apply

Question 1: Jack is 1.36 metres tall.  
His friend Ian is 5 centimetres taller than Jack.  
What height is Ian? Give your answer in metres.



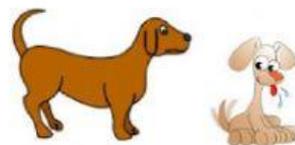
Question 2: Mary runs 600m every day.  
Work out how far Mary runs in one week.  
Give your answer in kilometres.

Question 3: Karl is baking a loaf of bread and needs 0.8 kg of flour.  
He has 72 grams of flour.  
How much more flour does Karl need?  
Give your answer in grams.



Question 4: James and Jack buy a 3 litre carton of orange juice.  
Each boy drinks 650 ml of orange juice.  
How much orange juice is left?  
Give your answer in litres.

Question 5: Rebecca has two dogs, Lucky and Pepe.  
Lucky weighs 5.4 kilograms.  
Pepe is 800 grams lighter than Lucky.  
Work out how much Pepe weighs.  
State your units.



Question 6: A 2p coin has a mass of 7 grams.  
Find the total mass of £80 worth of 2p coins.  
Give your answer in kilograms.