

# METRIC CONVERSIONS

## Task 1

- 1) Convert 5 km into metres.
- 2) Convert 760 cm into metres.
- 3) Convert 0.45 km into metres.
- 4) Convert 3200 mm into metres.
- 5) Convert 8.4 m into centimetres.
- 6) Convert 0.9 km into centimetres.
- 7) Convert 12,500 g into kilograms.
- 8) Convert 4.2 kg into grams.
- 9) Convert 0.03 tonnes into kilograms.
- 10) Convert 6700 mg into grams.
- 11) Convert 5.6 L into millilitres.
- 12) Convert 420 ml into litres.
- 13) Convert 3.7 cl into litres.
- 14) Convert 0.08 ml into litres.
- 15) Convert 2800 cm into kilometres.
- 16) Convert 650 mm into kilometres.
- 17) Convert 200,000 mg into kilograms.
- 18) Convert 0.7 tonnes into grams.
- 19) Convert 19.8 L into centilitres.
- 20) Convert 5500 ml into litres.

## Task 2

- 21) Convert 200 cm<sup>2</sup> into m<sup>2</sup>.
- 22) Convert 3.5 m<sup>2</sup> into cm<sup>2</sup>.
- 23) Convert 6000 mm<sup>2</sup> into m<sup>2</sup>.
- 24) Convert 0.4 km<sup>2</sup> into m<sup>2</sup>.
- 25) Convert 2.3 m<sup>2</sup> into mm<sup>2</sup>.
- 26) Convert 5000 cm<sup>3</sup> into m<sup>3</sup>.
- 27) Convert 0.02 m<sup>3</sup> into cm<sup>3</sup>.
- 28) Convert 75,000 mm<sup>3</sup> into cm<sup>3</sup>.
- 29) Convert 0.6 km<sup>3</sup> into m<sup>3</sup>.
- 30) Convert 1.25 m<sup>3</sup> into litres.

## Task 3

- 31) A swimming pool has a volume of 120 m<sup>3</sup>. Express this volume in litres.
- 32) A field measures 0.25 km<sup>2</sup>. Express this area in m<sup>2</sup> and hectares (1 ha = 10,000 m<sup>2</sup>).
- 33) A gold bar weighs 12.5 kg. Express this in tonnes, grams, and milligrams.
- 34) A tank has capacity 2.8 m<sup>3</sup>. How many 7-litre buckets are needed to empty it?
- 35) A cube has a volume of 64,000 cm<sup>3</sup>. Find its side length in cm and then in metres.
- 36) A road is 2.8 km long and 8 m wide. Work out the area in m<sup>2</sup> and in hectares.