

Metric Conversions – www.m4ths.com

Linear (One Dimension)

1km = 1000m

1m = 10cm

1cm = 10mm

(1) Convert each of the following:

(a) 2km into metres

(b) 5km into metres

(c) 10km into metres

(d) 1.5km into metres

(2) Convert each of the following:

(a) 500 metres into km

(b) 600 metres into km

(c) 1100 metres into km

(d) 780m into km

(3) Convert each of the following:

(a) 3 metres into cm

(b) 6m into cm

(c) 4.5 metres into cm

(d) 1.5km into metres

(4) Convert each of the following:

(a) 40cm to m

(b) 65cm to m

(c) 120cm to m

(d) 250cm to metres

(5) Convert each of the following:

(a) 8cm into mm

(b) 4.5cm into mm

(c) 16cm into mm

(d) 1.95cm into mm

(6) Convert each of the following:

(a) 60mm into cm

(b) 21mm into cm

(c) 150mm into cm

(d) 174mm into cm

Area (Two Dimension)

(1) Convert each of the following:

(a) 2m^2 to cm^2

(b) 5cm^2 to mm^2

(c) 4cm^2 to mm^2

(d) 4km^2 to m^2

(e) 6m^2 to mm^2

(f) 12m^2 to cm^2

(g) 1km^2 to cm^2

(h) 5mm^2 to cm^2

(i) 2m^2 to km^2

(j) 8cm^2 to m^2

(k) 2m^2 to cm^2

Volume (3 Dimension)

(1) Convert each of the following:

(a) 2m^3 to cm^3

(b) 4cm^3 to mm^3

(c) 6cm^3 to m^3

(d) m^3 to cm^3

(e) 10mm^3 to m^3

(f) 10m^3 to cm^3

(g) 12km^3 to m^3

(h) 6m^3 to mm^3

(i) 8mm^3 to m^3

(j) 6cm^3 to m^3

(k) 8mm^3 to km^3