

Speed, Distance and Time

Convert the following units of distance:

- (a) 700 cm to m (b) 850 cm to m
(c) 925 cm to m (d) 75 cm to m
(e) 3000 m to km (f) 4700 m to km
(g) 6550 m to km (h) 400 m to km
(i) 6 km to m (j) 6.5 km to m
(k) 7.25 km to m (l) 0.6 km to m

- (a) 7m (b) 8.5m
(c) 9.25m (d) 0.75m
(e) 3km (f) 4.7km
(g) 6.55k (h) 0.4km
(i) 6000m (j) 6500m
(k) 7250m (l) 600m

Convert the following units of time:

- (a) 120 minutes into hours
(b) 90 minutes into hours
(c) 15 minutes into hours
(d) 225 minutes into hours
(e) 5 minutes into seconds
(f) 7 minutes into seconds
(g) 2.5 minutes into seconds

- (a) 2 hours
(b) 1.5 hours
(c) 0.25 hours
(d) 3.75 hours
(e) 300 seconds
(f) 420 seconds
(g) 150 seconds

Calculate the speed in the units given for each distance and time shown:

	Distance	Time	Units
(a)	100 km	2 hours	km/h
(b)	175 km	5 hours	km/h
(c)	45 m	9 seconds	m/s
(d)	155 m	10 seconds	m/s

- (a) 50 km/h
(b) 35 km/h
(c) 5 m/s
(d) 15.5 m/s

Calculate the speed in the units given for each distance and time shown:

(a)	200 km	120 minutes	km/h
(b)	75 km	90 minutes	km/h
(c)	500 cm	20 seconds	m/s
(d)	6 m	1 minute	m/s
(e)	8400 m	150 minutes	km/h
(f)	480 cm	2 minutes	m/s

- (a) 100 km/h
(b) 50 km/h
(c) 0.25 m/s
(d) 0.1 m/s
(e) 3.36 km/h
(f) 0.04 m/s