**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) 7.25km to m (l) 0.6 km to m

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

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 |

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 |

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