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CLASS- 5

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SUB – MATHS

S.T -PRAGYA

BASED ON N.C.E.R.T PATTERN

CH- SPEED , DISTANCE AND  
TIME

Example – 1 The speed of a van 72km/hr. Find its speed in meters per second.

$$\begin{aligned}\text{Solution : } 72 \text{ km} &= 72 \times 1000 \text{ m} \\ &= 72000 \text{ meters} \\ 1 \text{ hr} &= 60 \text{ minutes} \\ &= 60 \times 60 \text{ sec} \\ &= 3600 \text{ seconds} \\ \text{Speed} &= 72000 / 3600 \\ &= 20 \text{ m / sec}\end{aligned}$$

1. Express the following in m/min.

- a. 60 km / hr
- b. 95 km / hr
- c. 36 km / hr
- d. 70.6 km / hr

e. 16.5 km / hr

f. 23.2 km / hr

g. 82 km / hr

h. 40.5 km / hr

i. 94.5 km / hr