

VIDYA BHAWAN BALIKA VIDYA PITH

CLASS- 5

DATE- 19. 10. 20

SUB-MATHS

S.T-PRAGYA

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

CH – 1 2

WORD PROBLEMS

See example carefully and solve questions:-

Example - A car is moving at a speed of 65km/hr.

Find the time taken by the car to cover a distance
Of 455 km.

Solution: Distance = 455km

Time = 65km/hr

Time = Distance/Speed

= 455/ 65 = 7 hr

PRACTICE SHEET

Solve it:-

- (j) A bus runs at a speed of 50 km/hr. How much time will it take to cover 300 km?
- (k) Shalini drives a car at a speed of 49.5 km/hr. How much time will she take to cover 990 km?
- (l) An aircraft flies at a speed of 560 km/hr. How much distance will it cover in $7\frac{1}{2}$ hours?
- (m) The speed of the cyclist is 40 m/sec. How much time will he take to cover a distance of 5 km?
- (n) A car travels 140 km in $2\frac{1}{2}$ hours. What is the speed of the car?
- (o) A train runs at a speed of 90 km/hr. What time will it take to cover a distance of 540 km?
- (p) A moving object covers 45 m in 1 second. How many kilometres will it cover in 1 hour?
- (q) Raman runs at the speed of 140 m/min. Sunil runs at the speed of 10 km/hr. Who runs faster? Calculate their speeds in m/sec.
- (r) Kanta and Suman have to cover a distance of 3 km 800 m. Both start at the same place and at the same time. Kanta runs at the speed of 150 m/min and Suman runs at the speed of 8 km/hr. Who will win the race? Also calculate the time taken by them to cover the distance.