

Maths-5

Chapter 12: Speed, Distance and Time – Worksheet

A.MCQs (5)

1. **Speed = _____ ÷ Time**

- a) Distance b) Speed c) Time

2. **Distance = Speed × _____**

- a) Time b) Speed c) Hours only

3. **If a car travels 60 km in 2 hours, its speed is:**

- a) 20 km/h b) 30 km/h c) 40 km/h

4. **A boy walks at a speed of 5 km/h for 3 hours. Distance covered is:**

- a) 10 km b) 15 km c) 20 km

5. **Time = Distance ÷ _____**

- a) Speed b) Distance c) Minutes

B.Fill in the Blanks (5)

1. If speed increases, time taken _____.

2. A bus travelling 80 km in 4 hours has a speed of _____ km/h.

3. Distance is measured in _____.

4. Time is usually measured in hours, minutes, and _____.

5. Speed tells us how fast something _____.

C.True or False (5)

1. If distance increases and time remains the same, speed increases. ()
2. Speed and distance are the same. ()
3. $\text{Time} = \text{Distance} \div \text{Speed}$. ()
4. 50 km/h means 50 km in 2 hours. ()
5. $\text{Distance} = \text{Speed} \times \text{Time}$. ()

D.Activities (5)

1. Record the time taken to walk 100 meters and calculate your walking speed.
2. Make a chart of 5 vehicles with their approximate speeds (car, bus, train, bicycle, airplane).
3. Create 5 word problems based on speed, distance, and time and solve them.
4. Use a stopwatch to measure how long it takes to walk across a room. Estimate the distance and calculate speed.
5. Find the time it would take to travel 200 km at speeds of 40 km/h, 50 km/h, and 80 km/h.