
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Worksheet -5 (Time and Distance)			
Bundle & Subject Name	Advanced Bundle V2 (2025) – Aptitude (Level-4)	Semester	VI

Answer Key

- Convert 72 km/hr into m/s.
 A) 20 m/s B) 30 m/s
 C) 40 m/s D) 50 m/s
Ans: A) 20 m/s
- Radhika travels a distance of 230 km with a speed of 46 km/h and 400 km with 100 km/h by her car. Find the average speed (in km/h) of Radhika.
 A) 70 B) 75
 C) 72 D) 80
Ans: A) 70
- An athlete runs a 200 m race in 24 seconds. Find his speed in km/hr.
 A) 20 km/hr B) 24 km/hr
 C) 28.5 km/hr D) 30 km/hr
Ans: D) 30 km/hr
- A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?
 A) 3.6 km/hr B) 7.2 km/hr
 C) 8.4 km/hr D) 10 km/hr
Ans: B) 7.2 km/hr
- A man takes 6 hours and 30 minutes for walking to a certain place and riding back respectively. He would have gained 2 hours 10 minutes by riding both ways. How long would he take to walk both ways?
 A) 480 minutes B) 520 minutes
 C) 560 minutes D) 600 minutes
Ans: B) 520 minutes

- A man covers a certain distance between his house and office on scooter. Having an average speed of 30 km/hr he is late by 10 min. However, with a speed of 40 km/hr he reaches his office 5 min earlier. Find the distance between his house and office.
 A) 25 km B) 20 km
 C) 30 km D) 35 km
Ans: C) 30 km
- 30% of a certain distance was covered in 6 hrs, 45% in 5 hrs and the rest in 9 hrs. Find the average speed per hour for the whole journey.
 A) 5 km/hr B) 6 km/hr
 C) 8 km/hr D) 5.5 km/hr
Ans: A) 5 km/hr
- A ship sails to a certain city at the speed of 20 km/hr and sails back to the same point at the rate of 30 km/hr. What is the average speed for the whole journey?
 A) 8 km/hr B) 24 km/hr
 C) 12 km/hr D) 18 km/hr
Ans: B) 24 km/hr
- A man travelled a distance of 42 km in 5 hrs. He travelled partly on foot at the speed of 6 km/hr, and partly on bicycle at the speed of 10 km/hr. The distance travelled on foot is ____.
 A) 10 km B) 12 km
 C) 8 km D) 18 km
Ans: B) 12 km
- By walking at $\frac{3}{4}$ th of his usual speed, a man reaches the office 20 minutes later than usual. His usual time is ____.
 A) 60 minutes B) 40 minutes
 C) 30 minutes D) 80 minutes
Ans: A) 60 minutes