



UNITED NATIONS SCHOOL IED
PREPARATION WORKSHOP
3rd TERM
PHYSICS
GRADE 8

NOTE: The questions and answers must be copied and solved in the physics notebook as a requirement to take the competency-based test.

DUE DATE: November 6, 2024

1. A car travels at a constant speed of 65.3 km/h for 2.5 hours. What distance does it cover?
2. A train travels at a speed of 84.7 km/h and takes 3.2 hours to reach its destination. What distance has it covered?
3. A cyclist moves at a speed of 24.5 km/h. How long does it take to cover a distance of 78.2 km?
4. A boat sails at a speed of 37.8 km/h for 4.7 hours. What distance does it cover?
5. A motorcycle moves at 58.6 km/h and covers 146.5 km. How long did it take to make this journey?
6. A plane flies at a speed of 713.4 km/h and covers 1783.2 km. How long was it in flight?
7. A runner moves at a speed of 9.3 m/s and covers a distance of 480.6 meters. How long did it take?
8. A vehicle moves at 92.7 km/h and covers a distance of 210.4 km. How long does it take to reach its destination?
9. A boat travels at a constant speed of 48.2 km/h for 6.8 hours. What distance did it cover?
10. A high-speed train covers 589.6 km in 2.5 hours. What is the train's speed?
11. A car moves at 52.5 km/h for 1.75 hours. What distance does it cover in that time?
12. A cyclist covers 112.4 km in 4.2 hours. What is their average speed?
13. A boat covers 395.5 km in 6.25 hours. What speed is it traveling at?
14. A plane travels at 850.3 km/h for 3.6 hours. What distance did it cover?
15. A runner moves at a speed of 12.5 m/s and covers 165 meters. How long does it take to cover that distance?