

DISTANCE, TIME, AND SPEED - PROBLEM SOLVING

Questions



1.

A bus travels a distance of 120 km in 2 hours. Calculate its average speed.

○ Answer = km/h



2.

A bird can run 722 miles in one day. What is the average speed of the bird?

○ Answer = m/h ← Answer to the nearest whole number



3.

Vincent, a short distance runner, runs at an average speed of 3.7 m/s for 100 m. Calculate the time he took.

Answer = _____



4.

Donald can accelerate to a speed of 100 m/s for 3 hours. What distance did he drive?

Answer = _____

An aircraft left Trinidad bound for London at 9:00 p.m. on Monday. It arrived at London 6:00 a.m. Tuesday (Trinidad time). What was the distance travelled if it flew non-stop at a speed of 489.8 m/hr?

Answer = _____



5.

April is visiting her family. She made some stops before she reached her destination. Calculate the total distance travelled at a constant speed of 85 m/h.

TIME	CONSTANT SPEED	DISTANCE
8:10 -8:45		
9:00 – 9:30		
9:40 – 10:50		
TOTAL DISTANCE =		