

Science 10
Extra Practice Speed, Distance and Time problems

1. Sam is driving along the highway towards Saint John. He travels 150km in 3.00hrs. What is his average speed for his trip?
2. A vehicle travels 2345 m in 315 s toward the evening sun. What is its speed?
3. What distance will a car traveling 65 km/hr travel in 3.0 hrs?
4. How long will it take to go 150 km traveling at 50 km/hr?
5. world speed record on water was set on October 8,1978 by Ken Warby on Blowering Dam, Australia. If Ken drove his motorboat a distance of 1000.0 m in 7.045 s, how fast was his boat moving?
6. What distance will be traveled if you are going 120km/hr for 30. Min (careful with the units)?
7. How long will it take to travel 200 000 m traveling 10 m/s?
8. A car travels 240 km in 2.0 hrs and a sprinter travels a 100. m in 9.5 s. Which is traveling faster and by how much?
9. You drive a car from Milwaukee to Chicago, which is a distance of 150km and it takes you 95 min. What is its velocity in km/hr?
10. A baseball is thrown a distance of 18m. What is its speed if it takes 0.5 seconds to cover the distance?