Physical Science Homework

Grade 9

Section 2.1 Describing motion

Answer the following questions

1. A car travelling at a constant speed covers a distance of 750m in 25 s. What is the car’s speed?
2. A passenger elevator travels from the first floor to the 60th floor, a distance of 210 m, in 35 s. What is the elevator’s speed?
3. A motorcycle moving at a constant speed of 40km/h. how long does it take the motorcycle to travel a distance of 10km?
4. How far does a car travel in 0.75 h if it is moving at a constant speed of 88km/h?
5. A long-distance runner is running at a constant speed of 5 m/s. How far does the runner travel in 10 minutes?