
Task #1

A minivan starts at rest and then accelerates at a rate of 3 m/s^2 for 10 seconds. How far does the minivan travel in this time?

Task #2

In coming to a stop, a car leaves skid marks 20 meters long on the highway. Assuming a deceleration of 4.0 m/s^2 , estimate the speed of the car just before braking.

Task #3

You are traveling at 24 m/s on the onramp. As you get ready to merge onto the interstate, you accelerate over a distance of 50 meters to 46 m/s . What was your acceleration?
