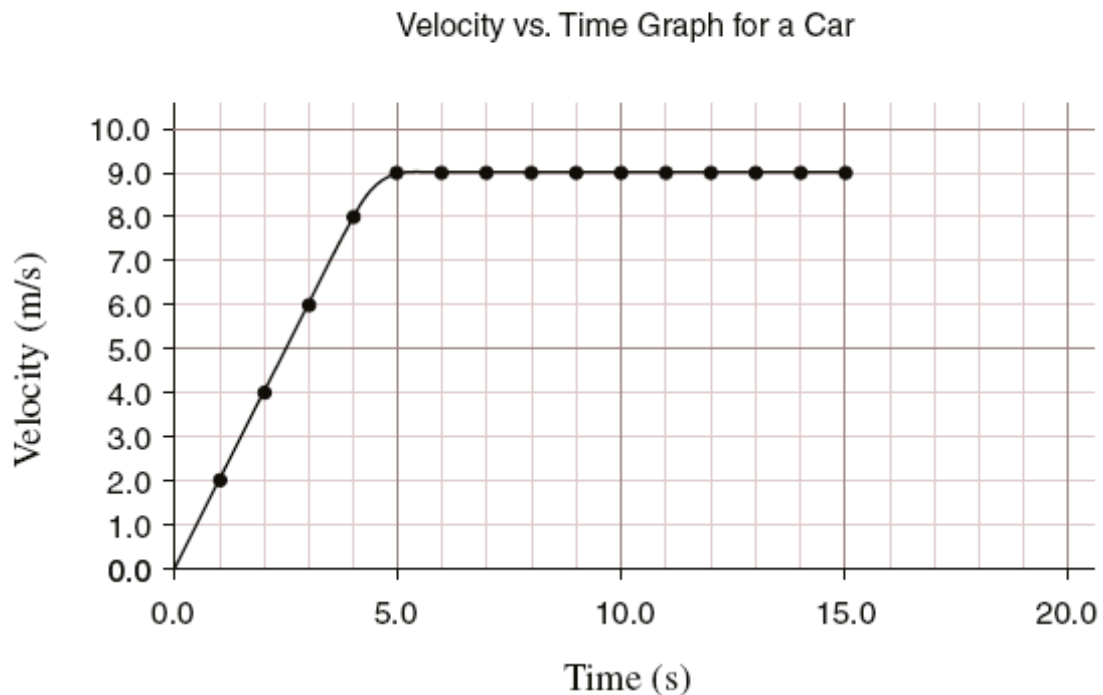


Physics 12 Review #4

1. An astronaut on the moon throws a 5.0 kg wrench vertically upwards with an initial speed of 15 m/s. The acceleration due to gravity on the surface of the moon is one-sixth that on the surface of the earth. What is the maximum height reached by the wrench?

2.

A car's motion is described by the velocity versus time graph shown below.



What is the total distance travelled by the car during its motion?

- A. 45 m
- B. 90 m
- C. 110 m
- D. 140 m