

Name _____ Period _____

1 D Motion Quiz 3

1. You run 100.0 m starting from rest and accelerating uniformly until you cross the finish line in 14.0 seconds. a) what is your acceleration? b) how fast are you going as you cross the finish line?

2. You throw a ball straight up at 8.0 m/s from a height of 1.60 m. a) how long does it take until it hits the ground? b) how fast will it be going when it hits the ground?