Chapt. 3 rev a

Solve each problems and show all the steps for the following problems: (data/diagrams, type motion/ formulas)

1. A rock falls for a 3.0 meter (-3.0 m) cliff and hits the ground 0.78 s later. A) What is the average velocity? B) What is the final velocity? C) Calculate the acceleration.

2. A little runner goes from rest to 5.5 m/s in 1.4 s. A) What was the average velocity?
   B) What distance did he/she travel during this exciting event? C) What acceleration was experienced?

3. A car goes from 33 m/s to 22 m/s in .90 s. A) What is the acceleration of the car? B) What distance was covered during this acceleration?