

Chapter 5 rev A

A rock drops off a shelf that is 2.4 m off the ground? How long does it take the rock to hit the ground?

- 1) Another stone falls from a cliff and falls for 6.5 seconds.
 - a) With what velocity does it hit the ground?
 - b) How far does the stone drop?

- 2) A sky diver jumps from an airplane.
 - a) What is his/her velocity after 3.0 seconds?
 - b) How far did he/she fall?

- 3) A dime falls from a building and hits the ground at -43 m/s.
 - a) How far did it fall?
 - b) How long did it take?