

Name: _____

Lab #5: Projectile Motion
Pre-Lab
(Due at the beginning of lab period.)

- 1) In physics, what characteristics *completely* define ‘projectile motion’? Your physics textbook will likely be an excellent resource in answering this question.
- 2) A ball is shot horizontally at a speed of 7.5 m/s from a height of 2.00 meters. (a) How long is the ball in the air? (b) How far horizontally does it travel before it hits the ground? Show your work for both calculations.