

## P11 - 2.7 - Ball shot straight off cliff Notes Hmk

A ball is ejected parallel to the ground from a 10 meter building at 8 m/s. How long will it take for the ball to reach the ground? How far away from the building will it land? What will be the resultant velocity and angle of impact?

A ball is ejected parallel to the ground from a 70 meter building at 12 m/s. How long will it take for the ball to reach the ground? How far away from the building will the ball land? What will be the resultant velocity and angle of impact?