

P12 - 2.9 - Projectile Motion Ground HMK

A ball is shot at 40 m/s at an angle of 30° above the horizontal. What is the max height? What is the time in flight? What is the distance the ball travels? What is the angle and resultant velocity of impact?

A ball is shot at 150 m/s at an angle of 70° above the horizontal. What is the max height? What is the time in flight? What is the distance the ball travels? What is the angle and resultant velocity of impact?

P12 - 2.9 - Projectile Motion Hmk

A ball is launched at 20 m/s at an angle of 30° above the horizontal. What is the maximum height of the ball? What is the time in flight? What is the total distance the ball travels? What is the resultant velocity and angle of impact?

A ball is launched at 12 m/s off a 20 meter building at an angle of 40° above the horizontal. What is the maximum height of the ball? What is the time in flight? What is the total distance the ball travels? What is the resultant velocity and angle of impact?