

Physics 10154 - Quiz 3B

A projectile is launched at an angle of 57° above the horizontal. 2.5 seconds after launch, the projectile is still on its way up, and it is at an altitude of 88 meters.

- a) What is the initial velocity of the ball?
- b) To what maximum height will the projectile reach above ground?
- c) What will be the magnitude and direction of the projectile's velocity when it reaches its maximum height?