

Ch 3 Top Review Questions for test

Top Review Questions

What would be considered a projectile?

What would NOT be considered a projectile?

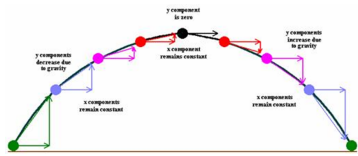
Top Review Questions

The vertical component of a projectile is independent of the

Explain the steel ball demonstration.

Top Review Questions

A projectile is thrown into the air at a 35° angle. Describe the horizontal and vertical velocities throughout its flight.



Top Review Questions

A ball is projected horizontally from the top of a cliff with an initial velocity of 20 m/s.

Draw the trajectory of the ball using arrows for a 4 second descent.

If the ball strikes the ground after 4 seconds, then how high was the cliff and how far from the base of the cliff will the ball land?

Top Review Questions

A projectile with a 15 m/s initial velocity would have an acceleration of _____ at its apex?

Top Review Questions

Projectile Equations

Vertical

Horizontal

$$V_y =$$

V_x is...

$$d_y =$$

$$d_x =$$

$$t =$$