

Physics Practice for On Line Friday

Name _____ -

Use 10 m/s^2 for g

1. A ball is released from rest from a position 45 m above the ground.

a. How long does it take the ball to land?

b. What is the speed of the ball just before it lands?

c. What is the acceleration of the ball as it is falling?

2. A ball is thrown horizontally from a position 45 above the ground.

a. How long does it take the ball to land?

b. What is the acceleration of the ball as it is falling?