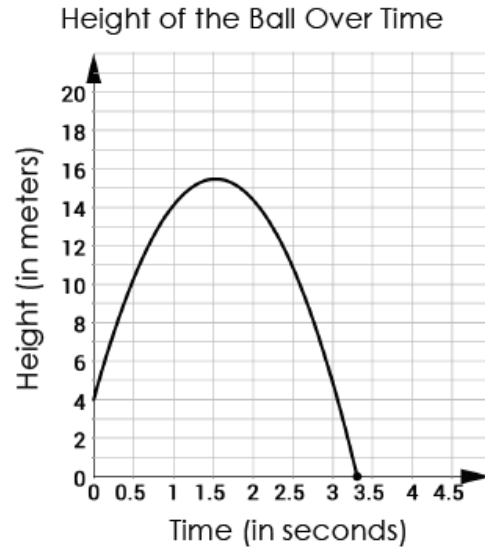


Consider the graph to the right:

- 1) What is the independent variable?
- 2) What is the dependent variable?
- 3) What is the height of the ball after 1 second?
- 4) What does the x-intercept represent in this case?
- 5) What is the initial height of the ball?
- 6) Estimate the maximum height of the ball.
- 7) When will the ball be 10 meters off of the ground?



Consider the graph to the right:

8) What is the independent variable?

9) What is the dependent variable?

10) What is the height of the water balloon after 1 second?

11) What does the x-intercept represent in this case?

12) What is the initial height of the balloon?

Consider the following graph that represents the height, in feet, of a water balloon dropped from a 2nd story window after a given number of seconds.

