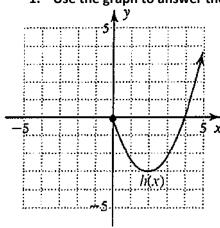
Intermediate Algebra

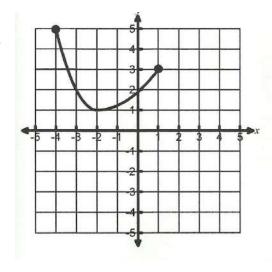
Learning Target. I can demonstrate understanding of the significant features of a graph or table and their relationship to real-world situations.

1. Use the graph to answer the following questions.



- a. y-intercept(s)_____
- b. x-intercept(s)_____
- c. Relative maximum_____
- d. Relative minimum_____
- e. Increasing Intervals label on graph
- f. Decreasing Intervals__label on graph____
- g. Domain_____
- h. Range_____

2.



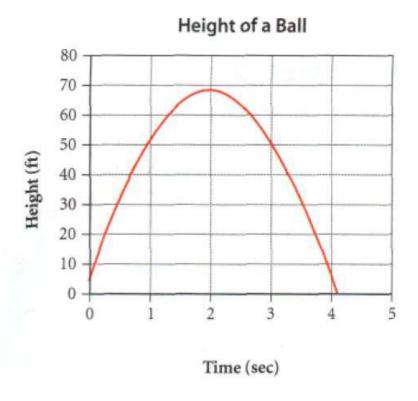
Domain:_____

Range:

x-intercept(s):_____

y-intercept:_____

3. Use the graph to answer the following questions



- a. Did the ball start on the ground before being thrown? How can you tell?
- b. When was the ball at a height of 40ft? What was the height of the ball at 3 seconds
- c. What was the maximum height of the ball and at what time did that occur?
- d. What does the point (4.1, 0) represent in this problem?
- e. Was the ball increasing or decreasing on the interval 0 < x < 2?