Honors Algebra 2 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Test Review Date \_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_

The height of a ball, in feet, after x seconds, can be modeled by the equation y =  .

 Define variables. x = y =

 a) Draw a sketch of the graph.

 b) How high will the ball reach?

 c) How long will it take to reach the max?

 d) How long is the ball in the air?

 e) Give a reasonable domain and range.

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