1. An object is shot into the air from ground at time

equals to zero. It travels to a height of 44 meters

then hits the ground at time equals 6 seconds.

1. Sketch a graph of the scenario on the graph paper to the right. Label units on the x and y axis as well as the scale.
2. What are three points on the parabola?\_\_\_\_\_\_
3. Is the point a maximum or a minimum?\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Approximate when the object is 30 meters in the air. There should be two answers.

\_\_\_\_\_\_ \_\_\_\_\_\_

1. Approximate when the height at time equals 4 seconds. \_\_\_\_\_\_\_\_
2. An object is shot into the air from ground at time

equals to zero. It travels to a height of 295.8 feet

then hits the ground at time equals 8.6 seconds.

1. Sketch a graph of the scenario on the graph paper to the right. Label units on the x and y axis as well as the scale.
2. What are three points on the parabola?\_\_\_\_\_\_
3. Is the point a maximum or a minimum?\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Approximate when the object is 100 feet in the air?
5. Approximate the height at time equals 1.5sec.