

Name: _____

Lab Assignment

Follow the instructions from Unit 6 – Lab, in your blue books and answer the following questions:

/2 The equation of my parabola is : _____

Questions

/2 a) Determine the coordinates of the vertex of your parabola.

b) How close did the can come to the motion detector? Include units.

/2 c) At what time was the can the closest to the motion detector? Include units.

/2 d) How far from the motion detector is the can after 1s? Use TRACE on your calculator to determine this.

/2 e) How far from the motion detector is the can after 1s? Use your **equation** to determine this - you must show ALL your work!

/3