

3. A student performed an experiment with a metal sphere. The student shot the sphere from a slingshot and measured its maximum height. The sphere was shot six times at six different angles above the horizon.

- What is the relationship being studied?
- What is the independent variable in this experiment?
- What is the dependent variable in this experiment?
- What variables must be held constant throughout this experiment?

4. a. What type of relationship does this graph suggest?

b. What variables would you plot to linearize the data?

