

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.

a. What is the relationship being studied?

b. What is the independent variable in this experiment?

c. What is the dependent variable in this experiment?

d. 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?

