

Name _____

Period: _____

Date: _____

HW The Scientific Method

For Each problem, form a hypothesis, briefly describe the independent variable, dependent variable, control, and the kind of data to be collected.

1) Problem: Do plants need sunlight to grow?

hypothesis: _____

independent variable: _____

dependent variable: _____

control: _____

data to be collected: _____

2) Problem: Can listening to classical music improve test scores?

hypothesis: _____

independent variable _____

dependent variable _____

control _____

data to be collected _____

3) Problem: What effect does exercise have on heartrate?

hypothesis: _____

independent variable _____

dependent variable _____

control _____

data to be collected _____

