Independent and Dependent Variables Guided Notes

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ changes independently. It is the \_\_\_\_\_ value.

The \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ changes in response to the independent variable. It is the \_\_\_\_\_ value.

The dependent variable, y, \_\_\_\_\_\_\_\_\_\_ on the number chosen for x value (independent variable).

Example 1: Identify the independent and dependent variable.

The middle school band gets $12 for every car they wash at a car wash.

Example 2: Identify the independent and dependent variable.

Tim runs 15 miles per hour.

Practice

Identify the independent and dependent variable.

1. Lily sells cookies for $2.50 to earn money.
2. Gus has a pay as you go phone. It costs 10 cents per minute.