Name: _____ Date: _____ Period: _____

Worksheet 3.0B: Categorizing Data | Chapter 3

Learning Goal: I know the difference between discrete and continuous variables (6.EE.9)

Categorize the following as either *continuous* or *discrete*.

1. Height of children   _____

2. Number of languages a person speaks   _____

3. Weight of cars   _____

4. Number of children in a household   _____

5. Time to wake up in the morning   _____

6. Speed of the train   _____

7. Number of people sleeping in stats class   _____

8. Cost of bananas   _____

Classify the independent and dependent variable in each of the following situations. Some options are given, others you have to label yourself.

9. There are approximately 30 strawberries in a jar of strawberry jam.

       The amount of strawberries   **The number of jars**

10. Your grandma pays $0.25 on her cellphone bill for each text she sends.

       The number of texts   **The total amount on the bill**

11. You drive at a rate of 65 miles per hour for 4 hours of driving.

12. You pour 6 ounces of orange juice into each cup at a party.

13. For every movie ticket sold to a customer, the theater makes $9.00.

14. After working for 6 hours, you get paid $80.

15. There is an increase of 4% on your test score for every half hour of studying.