

Name: _____ Date: _____ Period: _____

Worksheet 3.0B: Categorizing Data | Chapter 3

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 \$8.00.

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.