Name _____ Class _____ Date _____

Additional Vocabulary Support

Using Graphs to Relate Two Quantities

axis **decrease** **increase** **quantities**

Choose the word from the list above that is defined by each statement.

1. to become greater or larger _____
2. to become smaller _____
3. what each variable is plotted along _____
4. Amounts that can be determined by measurement, such as degrees. _____

Use a word from the list above to complete each sentence.

5. The _____ label tells you what variables are being related.
6. Rising slowly can be described as a(n) _____.
7. Time and volume are two different _____.
8. Falling quickly can be described as a(n) _____.
9. When a graph rises, it _____.
10. You can use graphs to visually represent the relationship between two variable _____ as they each change.

Multiple Choice

11. You climb up a mountain, stop to rest, and then climb back down. Which term best describes the slope of the graph representing your climb back down?

    (A) constant (B) decreasing (C) rising (D) increasing

12. You buy two pairs of shoes, and the third pair is free. Which term best describes the slope of the graph showing the cost of the third pair of shoes?

    (F) constant (G) decreasing (H) falling (I) increasing

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