

Name _____ Date _____ Class _____

CHAPTER 16

STUDY GUIDE

Section 16.1 *continued*

For each item in Column A, write the letter of the matching item in Column B.

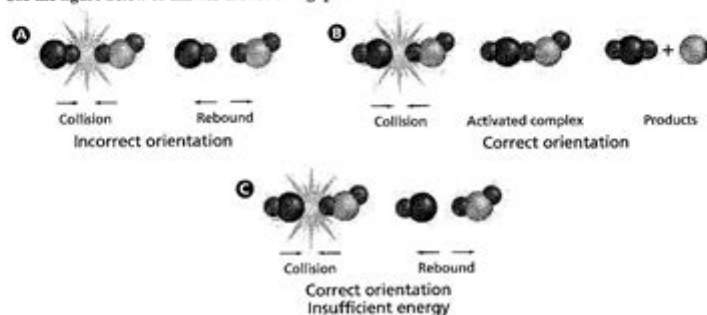
Column A

- _____ 10. Expresses the average rate of loss of a reactant
 _____ 11. Expressed as $\Delta\text{quantity}/\Delta\text{time}$
 _____ 12. Expresses the average rate of formation of a product

Column B

- a. average reaction rate
 b. positive number
 c. negative number

Use the figure below to answer the following questions.



13. What molecules collided in collisions A, B, and C? _____

14. What do the arrows represent? _____

15. Which collision(s) formed products? What were the products? _____

16. Explain why the other collision(s) did not form products. _____

17. Which collision(s) formed an activated complex? Identify the activated complex. _____

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