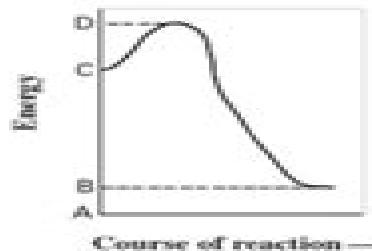


**CHAPTER 17 REVIEW*****Reaction Kinetics*****SECTION 1****SHORT ANSWER** Answer the following questions in the space provided.1. Refer to the energy diagram below to answer the following questions.

d a. Which letter represents the energy of the activated complex?

(a) A (c) C  
(b) B (d) D

c b. Which letter represents the energy of the reactants?

(a) A (c) C  
(b) B (d) D

d c. Which of the following represents the quantity of activation energy for the forward reaction?

(a) the amount of energy at C minus the amount of energy at B  
(b) the amount of energy at D minus the amount of energy at A  
(c) the amount of energy at D minus the amount of energy at B  
(d) the amount of energy at D minus the amount of energy at C

c d. Which of the following represents the quantity of activation energy for the reverse reaction?

(a) the amount of energy at C minus the amount of energy at B  
(b) the amount of energy at D minus the amount of energy at A  
(c) the amount of energy at D minus the amount of energy at B  
(d) the amount of energy at D minus the amount of energy at C

b e. Which of the following represents the energy change for the forward reaction?

(a) the amount of energy at C minus the amount of energy at B  
(b) the amount of energy at B minus the amount of energy at C  
(c) the amount of energy at D minus the amount of energy at B  
(d) the amount of energy at B minus the amount of energy at A

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**Barbara Janson Cohen, Memmler**

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