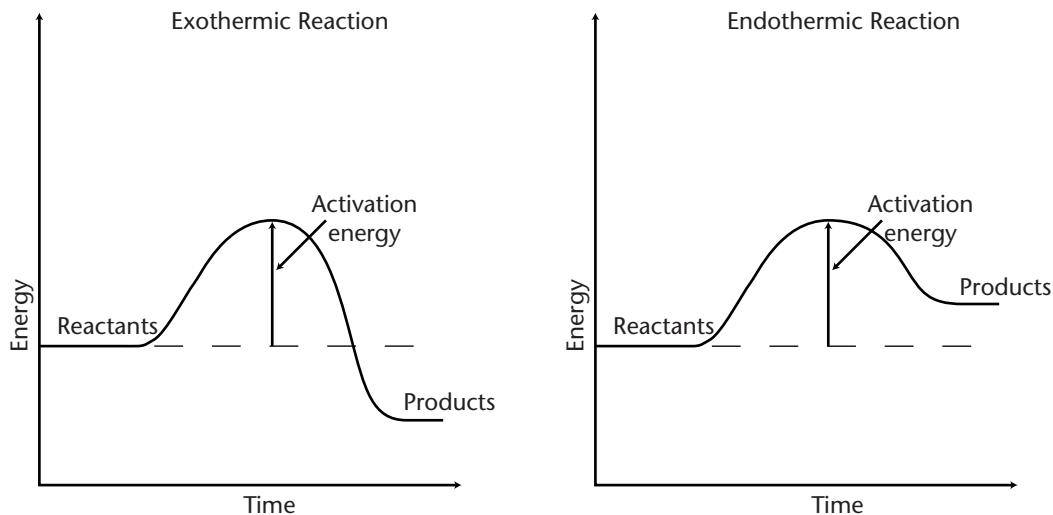


**Chemical Reactions** ▪ 6.3 Review and Reinforce**Controlling Chemical Reactions****Understanding Main Ideas**

Use the figures below to answer questions 1–3. Write your answers on a separate sheet of paper.



1. Use what you know about endothermic and exothermic reactions to explain the differences in the graphs above.
2. Why is the activation energy pictured as a hill in the two diagrams?
3. Explain how adding heat to the reactions shown in the diagram would change the rate of these chemical reactions. Name two other ways to change the rate of a chemical reaction.

**Building Vocabulary**

Write a definition for each of the following terms on the lines below.

4. concentration \_\_\_\_\_  
\_\_\_\_\_
5. enzyme \_\_\_\_\_  
\_\_\_\_\_
6. inhibitor \_\_\_\_\_  
\_\_\_\_\_