

Name _____ Date _____ Period _____

Worksheet: Enzymes

BIOLOGY

Directions: Answer the following questions using your lecture notes and textbook (pages 50-56)

1. What is **activation energy**?

2. What is the difference between an **exothermic** and **endothermic** reaction?

3. What is a **catalyst**?

4. Complete the graph below show what would happen to the activation energy if a catalyst were introduced to the chemical reaction. (see figure 2.22, page 54) Include and label: **activation energy (uncatalyzed)**, **activation energy (catalyzed)**, **reactants**, and **products**



