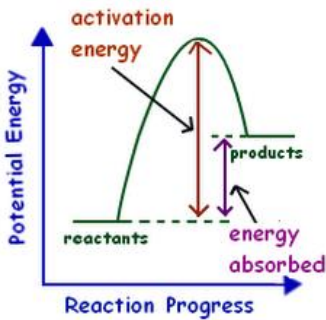


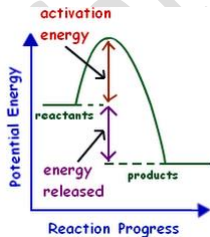
Chemical Reactions & Enzymes 101 video notes



1. A chemical reaction is a process that occurs when two or more _____
2. Chemical require changes in the _____ that join atoms in _____, and follow the law of _____
3. Write the formula and name for cellular respiration below:
4. Energy is either _____ or _____ when chemical bonds are _____
5. Chemical reactions that release energy most often occur on their own or _____. These types of reactions are called _____.
6. Chemical reactions that _____ energy will not occur without an _____. These types of reactions are called _____
7. Write out the formulas for photosynthesis and cellular respiration below

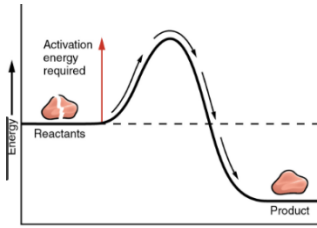


8. Explain what is occurring in the following endothermic chemical reaction above. _____



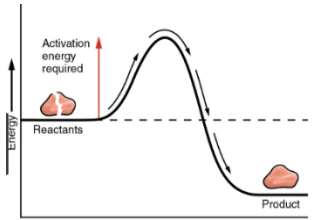
9. Explain what is occurring in the following exothermic chemical reaction above. _____

Enzymes are _____ that _____ by _____ the amount of _____ required to start the _____.



The following chemical reaction _____.

Summarize this chemical reaction _____



The following chemical reaction _____.

Summarize this chemical reaction _____

Exploring how enzymes work – Summarize each step

1. - _____

2. - _____

3. - _____

4. - _____

Factors that affect the functioning of an Enzyme – Write how each factor affects the enzyme

1. - _____

2. - _____

3. - _____
