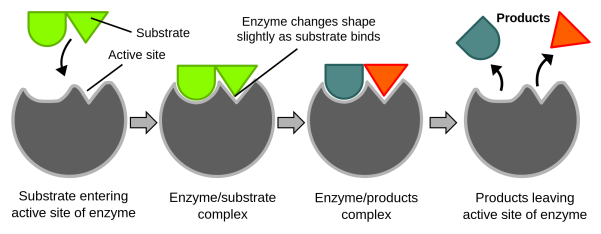
BOZEMAN BIOLOGY-Video Notes for ENZYMES  
  
Catalase is an enzyme that breaks down \_\_\_\_\_\_\_\_\_\_\_\_  
Write the equation for the breakdown of H2O2 by catalase.  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

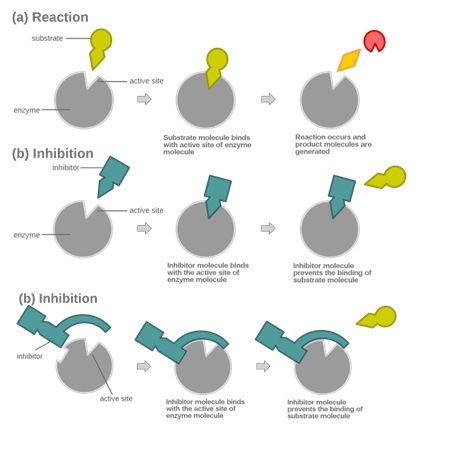
What are two kinds of enzyme inhibition?   
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

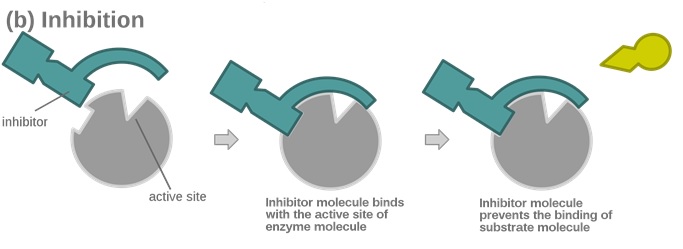


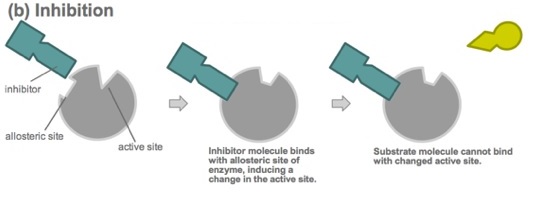
ACTIVATION- turns enzymes \_\_\_\_\_\_\_\_\_  
COFACTORS: are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_= Don’t contain carbon  
 EX:   
  
COENZYMES: are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = contain carbon  
 EX:

Many \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in our diet act as coenzymes.

INHIBITION: turns enzymes \_\_\_\_\_\_\_\_\_

COMPETITIVE INHIBITION:

ALLOSTERIC (NONCOMPETITIVE)





The rate of a chemical reaction can be determined by measuring 2 THINGS:  
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_created

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_consumed

Most human enzymes have an optimum temperature of \_\_\_\_\_\_\_\_