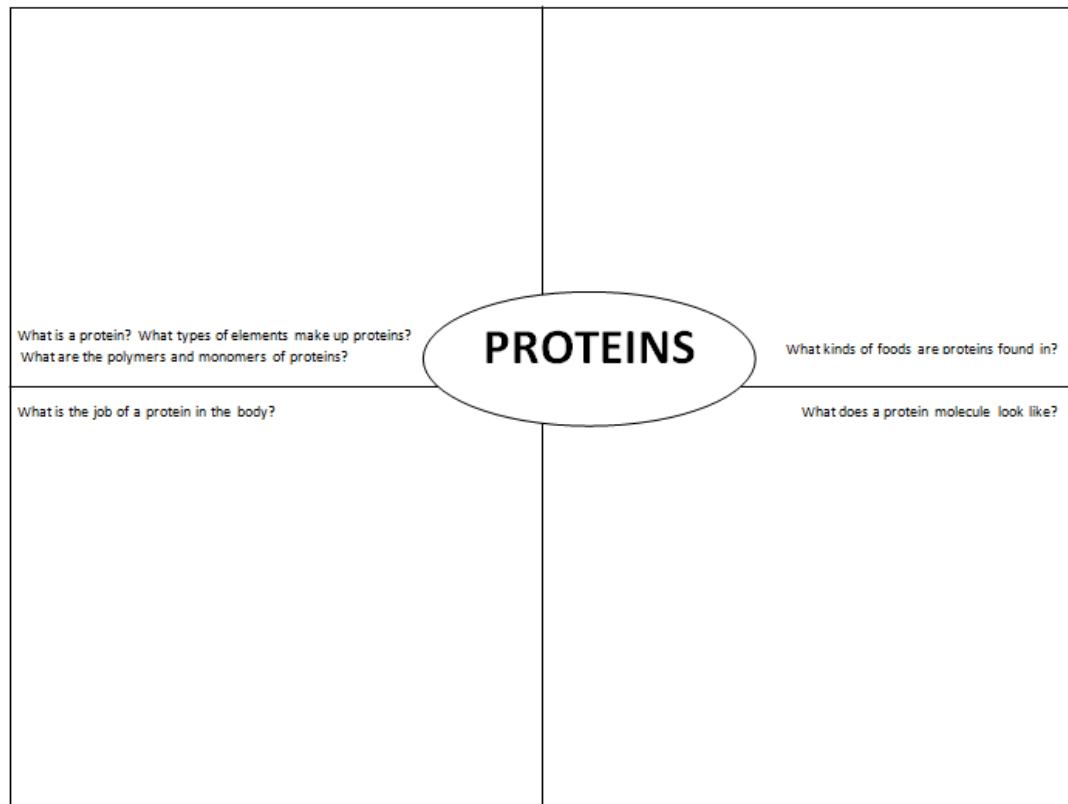
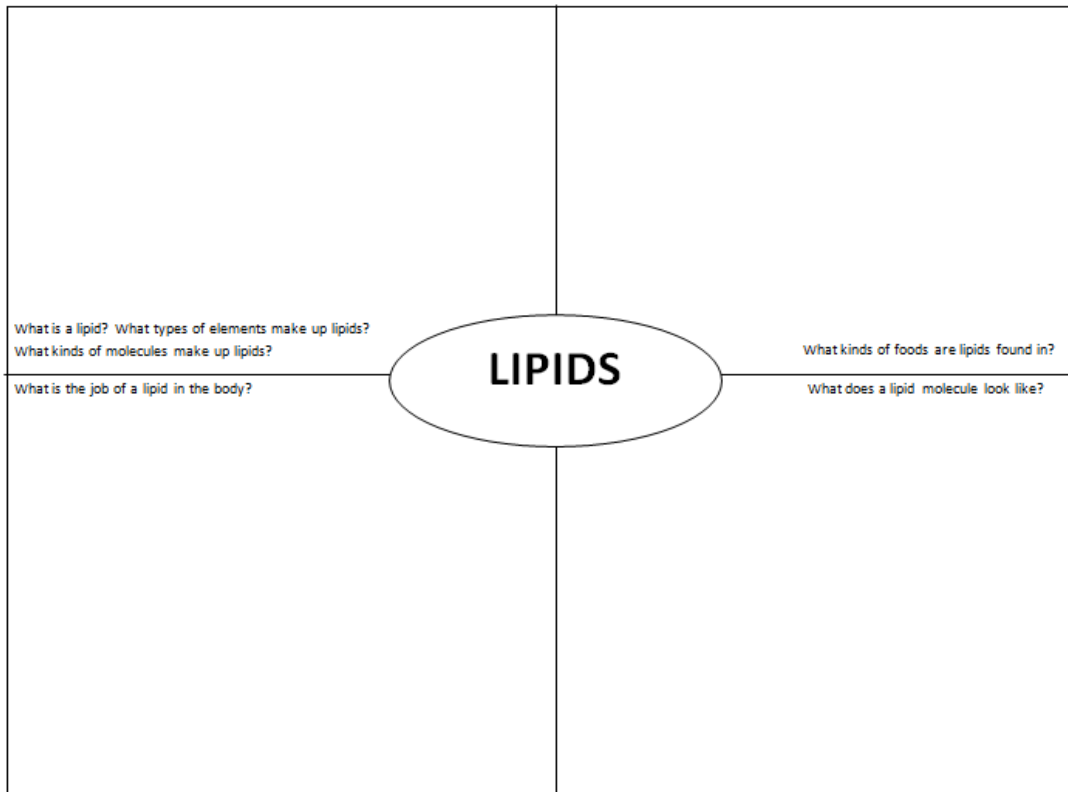
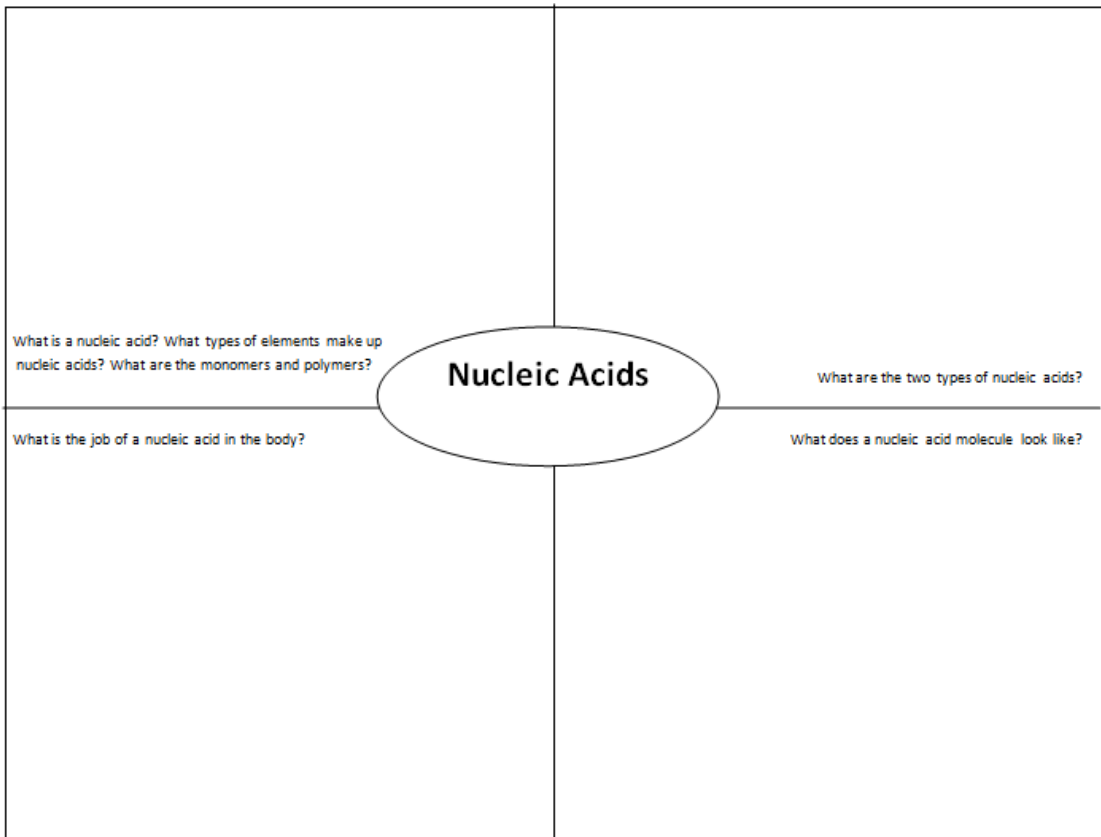
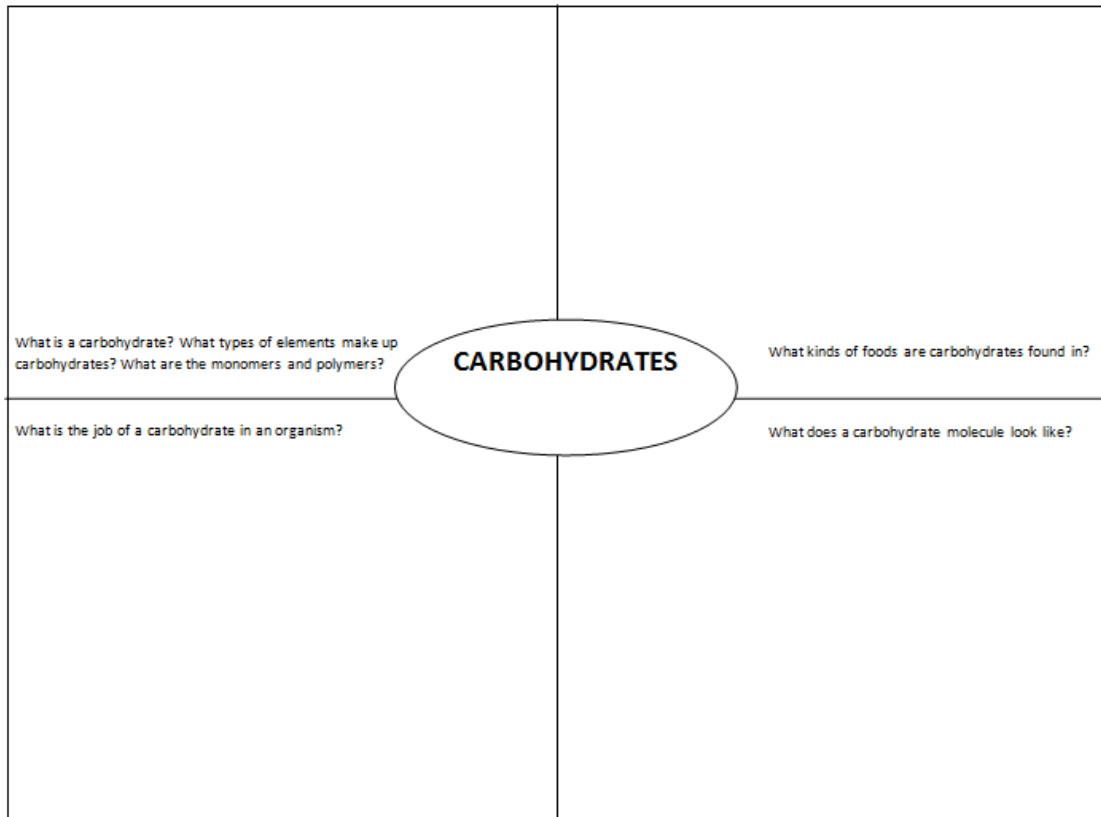
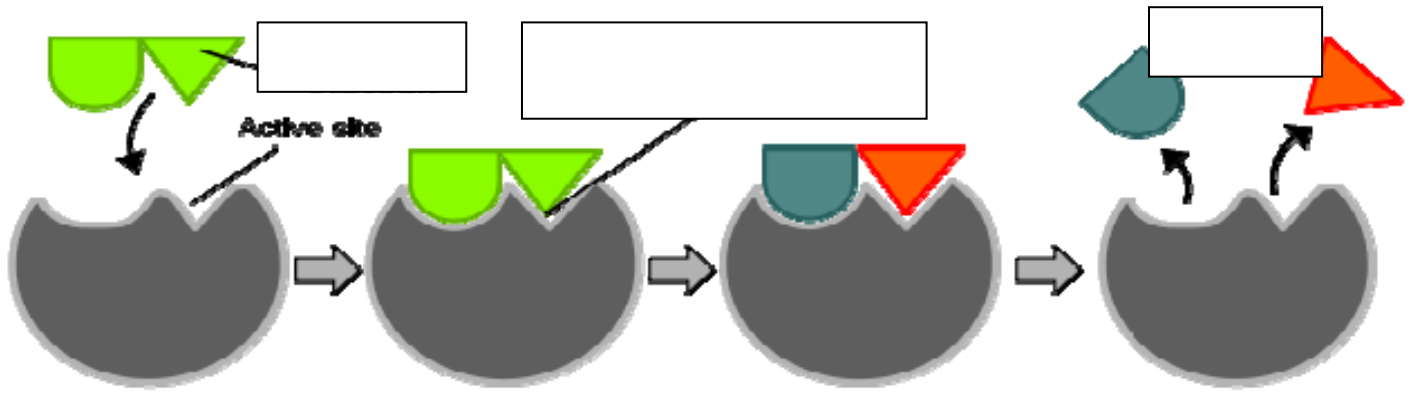


## BIOMOLECULES and Enzymes Practice Worksheet





Enzymes are a type of protein that acts like a catalyst, which speeds up chemical reactions. In the diagram below, please label the parts of an enzyme reaction and describe what is occurring in each step.



Step 4:

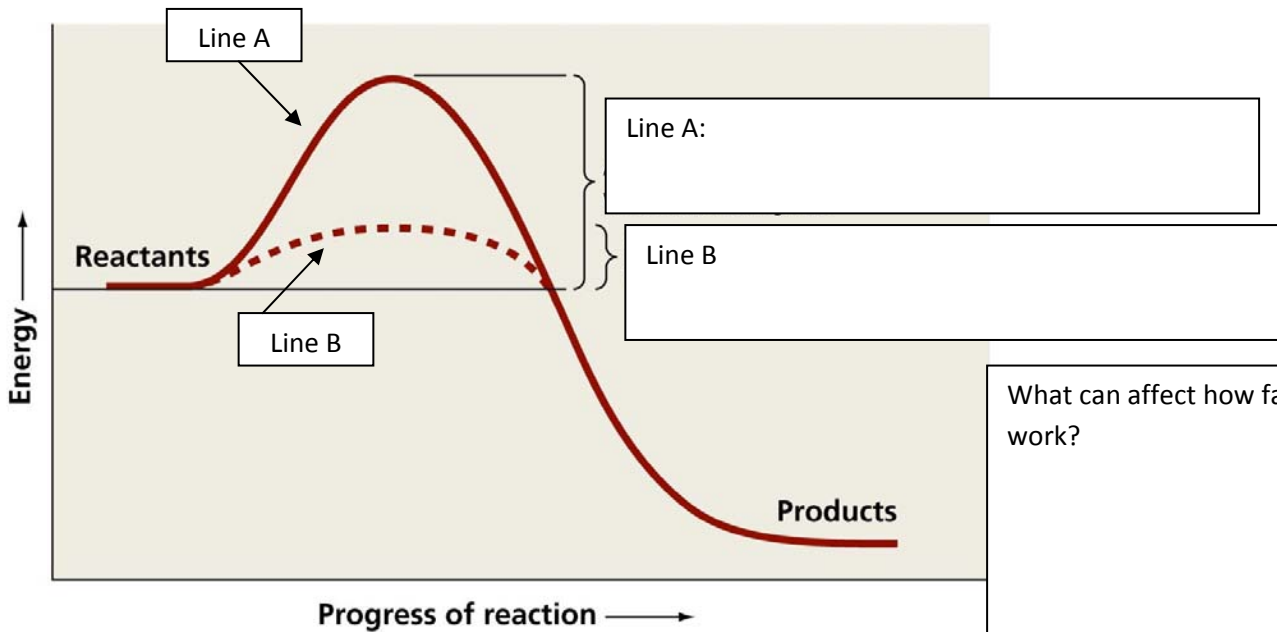
Step 4:

Step 4:

Step 4:

Enzymes are specific. Amylase breaks down \_\_\_\_\_; Protease breaks down \_\_\_\_\_; and Lipase breaks down \_\_\_\_\_.

Enzymes work by reducing the amount of \_\_\_\_\_ needed to complete a reaction. In the diagram below, label which line uses an enzyme and which line does not use an enzyme.



What can affect how fast enzymes work?