Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Biology - Shop-Week HW**

**Due: Monday, 09/17**

Your body maintains a constant temperature (98.6ºF / 37ºC). Enzymes help your body by speeding up chemical reactions in the body that would otherwise take too long to happen. They work like a lock and key.

Questions: **(Answer in COMPLETE SENTENCES PLEASE)**

A. Explain what you think happens to enzyme activity as your body temperature rises (eg., from 98.6ºF to 108ºF)? Why?

B. Explain what happens to enzyme activity as your body temperature decreases (eg., from (98.6ºF to 85ºF)? Why?