

NAME: \_\_\_\_\_

January 28, 2013

Draw the first reaction of glycolysis. Include all reactants, products, and enzyme names.

Imagine that you woke and ate breakfast at 6 a.m. this morning. At 7 a.m.:

- a.) **INSULIN** or **GLUCAGON** levels are elevated in your bloodstream
- b.) The concentration of cAMP is **INCREASING** or **DECREASING** in your **HEPATOCYTES, MYOCYTES, and/or ADIPOCYTES.**
- c.) The concentration of PIP<sub>3</sub> is **INCREASING** or **DECREASING** in your **HEPATOCYTES, MYOCYTES, and/or ADIPOCYTES.**

NAME: \_\_\_\_\_

January 28, 2013

Draw the first reaction of glycolysis. Include all reactants, products, and enzyme names.

Imagine that you woke and did not eat breakfast this morning. By 7 a.m.:

- a.) **INSULIN** or **GLUCAGON** levels are elevated in your bloodstream
- b.) The concentration of cAMP is **INCREASING** or **DECREASING** in your **HEPATOCYTES, MYOCYTES, and/or ADIPOCYTES.**
- c.) The concentration of PIP<sub>3</sub> is **INCREASING** or **DECREASING** in your **HEPATOCYTES, MYOCYTES, and/or ADIPOCYTES.**