

NAME: _____

Quiz 9

Before you ate lunch, within your hepatocytes:

- a. Was the [glucose] in your blood increasing or decreasing?
- b. Was the [insulin] in your blood increasing or decreasing?
- c. Was the [glucagon] in your blood increasing or decreasing?
- d. Was the [cAMP] in your hepatocytes increasing or decreasing?
- e. Which transporter was used to move glucose across the cell membrane? GLUT1 GLUT2 GLUT3 GLUT4
- f. Was the [glucokinase] increasing or decreasing?
- g. Was the level of phosphorylation of PFK-2/F-2,6-BPase increasing or decreasing?
- h. Was the [fructose-2,6-bisphosphate] increasing or decreasing?
- i. Was the activity of PFK-1 increasing or decreasing?
- j. Was flux through glycolysis increasing or decreasing?

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- i. Was the activity of PFK-1 increasing or decreasing?
- j. Was flux through glycolysis increasing or decreasing?