

NAME: _____

February 13 , 2013

Imagine that you've just eaten a large meal. A half hour after eating:

Within your hepatocytes:

[cAMP] is **INCREASING/DECREASING**

Flux through glycolysis is **INCREASING/DECREASING**

[Fructose-2,6-bisphosphate] is **INCREASING/DECREASING**

PFK-2 is **PHOSPHORYLATED/DEPHOSPHORYLATED** and **ACTIVE/INACTIVE**

Glycogen synthase is **PHOSPHORYLATED/DEPHOSPHORYLATED**

Glycogen synthase is **ACTIVE/INACTIVE**

Glycogen phosphorylase is **PHOSPHORYLATED/DEPHOSPHORYLATED**

Glycogen phosphorylase is **ACTIVE/INACTIVE**

Within your cardiac myocytes:

[cAMP] is **INCREASING/DECREASING**

Flux through glycolysis is **INCREASING/DECREASING**

[Fructose-2,6-bisphosphate] is **INCREASING/DECREASING**

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