

NAME: _____

Quiz 29

Fed Hepatocyte	Increasing	Decreasing	N/A
Blood glucose			
Blood [Insulin]			
Insulin Receptor Signal			
Blood [Glucagon]			
Glucagon Receptor Signal			
Flux through GLUT2			
Flux through GLUT4			
Flux through glycolysis			
Flux through gluconeogenesis			
Phosphorylation-Phosphofructokinase-2			
Activity-Phosphofructokinase-2			
Phosphorylation-Fructose-2,6,-bisphosphatase			
Activity-Fructose-2,6,-bisphosphatase			
[fructose-2,6-bisphosphate]			
Flux through glycogenesis			
Flux through glycogenolysis			
Phosphorylation-glycogen synthase			
Activity-glycogen synthase			
Phosphorylation-glycogen phosphorylase			
Activity-glycogen phosphorylase			
Flux through the Pentose Phosphate Pathway			
Transport of acyl-CoA into mitochondria			
Transport of citrate into cytoplasm			
Phosphorylation of acetyl-CoA carboxylase			
Activity of acetyl-CoA carboxylase			
[malonyl-CoA]			
fatty acid synthesis			
ketone body synthesis			
flux of alanine to pyruvate			