

Name: _____

Key

Quiz 9

1. For a fed hepatocyte, the concentration of cAMP is high or low?
2. For a fed myocyte, is glucose entering the cell through GLUT 2, GLUT 4, GLUT 5, and/or SGLT-1?
3. Which cell types have an insulin receptor? Hepatocyte, Myocyte, and/or Adipocyte
4. Which cell types have a glucagon receptor? Hepatocyte, Myocyte, and/or Adipocyte
5. Which cell types have hexokinase? Hepatocyte, Myocyte, and/or Adipocyte
6. Consider that a cell often uses glycolysis as part of metabolism that will yield ATP. What is odd about the first three steps that we have studied for this pathway (glucose \rightarrow fructose-1,6-bisphosphate)?

There are two ATP used up in these steps!