

Name: _____

Key

Quiz 8

For this course, we will refer to the fed state being one where the blood glucose concentration is higher than baseline. This will be in contrast to the fasting state where blood glucose concentration is at or below baseline.

1. For a fed hepatocyte, the concentration of phosphorylated phosphoprotein phosphatase 1 (you have to take a second and appreciate nomenclature in biochemistry) is high or low?
2. For a fed hepatocyte, 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