

NAME: _____

Quiz 13

1. Draw fructose
2. In hepatocytes, fructose reacts with ATP as catalyzed by fructokinase-1. Draw and name the product.
3. This product undergoes a C-C bond cleavage reaction as catalyzed by aldolase within hepatocytes. Draw and name the products.
4. Propose a metabolic pathway for your products from #3 to pyruvate. Include chemical structures and names of intermediates (metabolites) and enzymes.