

Cellular Respiration and the Calorie

Directions: Please, answer the following questions in the space provided. Thank You.

1. Why is it inaccurate to say energy is *created* during cellular respiration? What term would be a good replacement for the word “created”?
2. What is the useable “currency” molecule of energy transfer in cells? What form of transport (in and out of cells) requires this molecule?
3. What does ATP convert into when its energy is transferred?
4. Write the chemical equation for aerobic respiration.
5. What is a calorie?
6. What is the relationship between cellular respiration and photosynthesis
7. Why does yeast prefer to go through aerobic respiration when it is capable of both?