

Reinforcement

Activities of the Cell

Complete this worksheet after you finish reading the section "Cell Energy."

1. Sketch and label a chloroplast and a mitochondrion in the space provided.

2. Chloroplasts use light energy during photosynthesis. Add to your drawing a light source and an arrow from the light source to the chloroplast.

3. Chloroplasts give off oxygen and glucose during photosynthesis. Mitochondria use oxygen and glucose during cellular respiration. Add this information to your diagram.

4. During cellular respiration, mitochondria produce ATP. Add this information to your diagram.

5. Besides light energy, what do chloroplasts use to make glucose?

6. Besides ATP, what do mitochondria give off during cellular respiration?

7. Add the information from questions 5 and 6 to your diagram.