

14-2 Videos Worksheet

Cellular respiration

1. Is breathing and cellular respiration the same thing? _____
2. In what organelle does cellular respiration take place?
3. What are the 3 products of cellular respiration?
4. ATP is to your cells as _____ is to a car.
5. Which produces more energy, aerobic respiration or fermentation?

Photosynthesis

1. Plants make their own food through a process called _____.
2. Photosynthesis collect energy from the sun to make _____.
3. _____ is also called sugar.
4. Plants give us _____ and we give them _____.
5. _____ is the organelle that makes glucose from sunlight.

Fermentation

1. Fermentation makes energy when _____ is not available.
2. _____ fermentation is the type of fermentation our body uses when oxygen is not available.
3. _____ causes your muscles to become sore when they are overworked.
4. Fermentation makes _____ ATP's and _____ lactic acid molecules.
5. How do you get rid of the lactic acid that builds up in your muscles?