

VLA Basic Biology: Unit 9 Worksheet

A. Select the letter of the description that best matches the term given.

1. _____ Chemosynthesis

2. _____ Photosynthesis

3. _____ Chloroplast

4. _____ Autotrophs

5. _____ Heterotrophs

6. _____ ATP Synthase

7. _____ Pigment

A. Organelle responsible for photosynthesis.

B. The type of reaction that requires inorganic molecules to produce the chemical energy, not sunlight.

C. Organisms that can produce their own energy or food.

D. The type of reaction that involves converting light energy into chemical energy.

E. Organisms that cannot produce their own energy or food.

F. Light absorbing substance.

G. Enzyme responsible for producing ATP.

B. Fill in the following photosynthesis reaction using the following terms:

Carbon Dioxide, Oxygen, Sugar, Water

6 _____ + 6 _____ → 6 _____ + _____