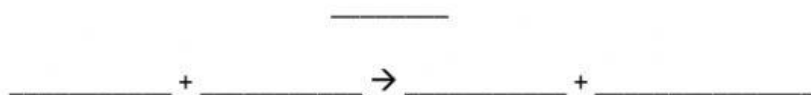


Photosynthesis vs. Cellular Respiration

1. Directions: Fill in the blanks to complete the chemical formula of photosynthesis.



2. The reactants of photosynthesis are _____, _____, and _____.
3. The products of photosynthesis are _____ and _____.
4. In which organelle does photosynthesis occur in? _____.
5. Directions: Fill in the blanks to complete the chemical formula of cellular respiration.



6. The reactants of cellular respiration are _____ and _____.
7. The products of cellular respiration are _____, _____, and _____.
8. In which organelle does cellular respiration occur in? _____.
9. Match the following chemical formula with the correct term.

CO₂

O₂

H₂O

C₆H₁₂O₆

Water

Glucose Sugar

Oxygen

**Carbon
Dioxide**