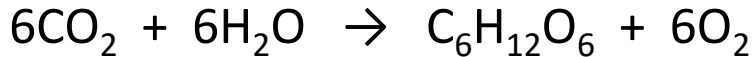


# Photosynthesis recall questions

1. Write down the word equation for photosynthesis.

Carbon dioxide + water → glucose + oxygen

2. Write down the symbol equation for photosynthesis.



3. Is photosynthesis an exothermic or endothermic reaction? **Endothermic**

4. What four things can affect the rate of photosynthesis? **Light intensity, temperature, concentration of carbon dioxide and amount of chlorophyll**

5. **What are five things the glucose from photosynthesis is used for by plants? Respiration, making cellulose for cell walls, making amino acids for protein synthesis, starch for storage, lipids for storage.**

6. What other thing do plants need to produce proteins? **Nitrate ions.**

7. Where do plants obtain nitrate ions from? **Absorbed by plant roots from the soil**