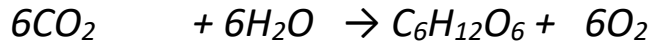


Biology Equations

1. $Magnification = \frac{\text{Size of image}}{\text{Size of real object}}$

2. Photosynthesis:

Carbon Dioxide + Water → Glucose + Oxygen



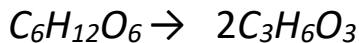
3. Aerobic Respiration:

Glucose + Oxygen → Carbon Dioxide + Water + (energy transferred to environment)



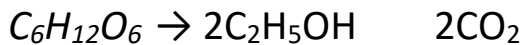
4. Anaerobic (animals):

Glucose → Lactic Acid + (energy transferred to environment)



5. Anaerobic (plants and microorganisms):

Glucose → Ethanol + Carbon Dioxide + (energy transferred to environment)



Reflex pathway:

Stimulus → Receptor → *Sensory Neurone* → *Relay Neurone* → Motor
Neurone → Effector → Response