

Photosynthesis Notes

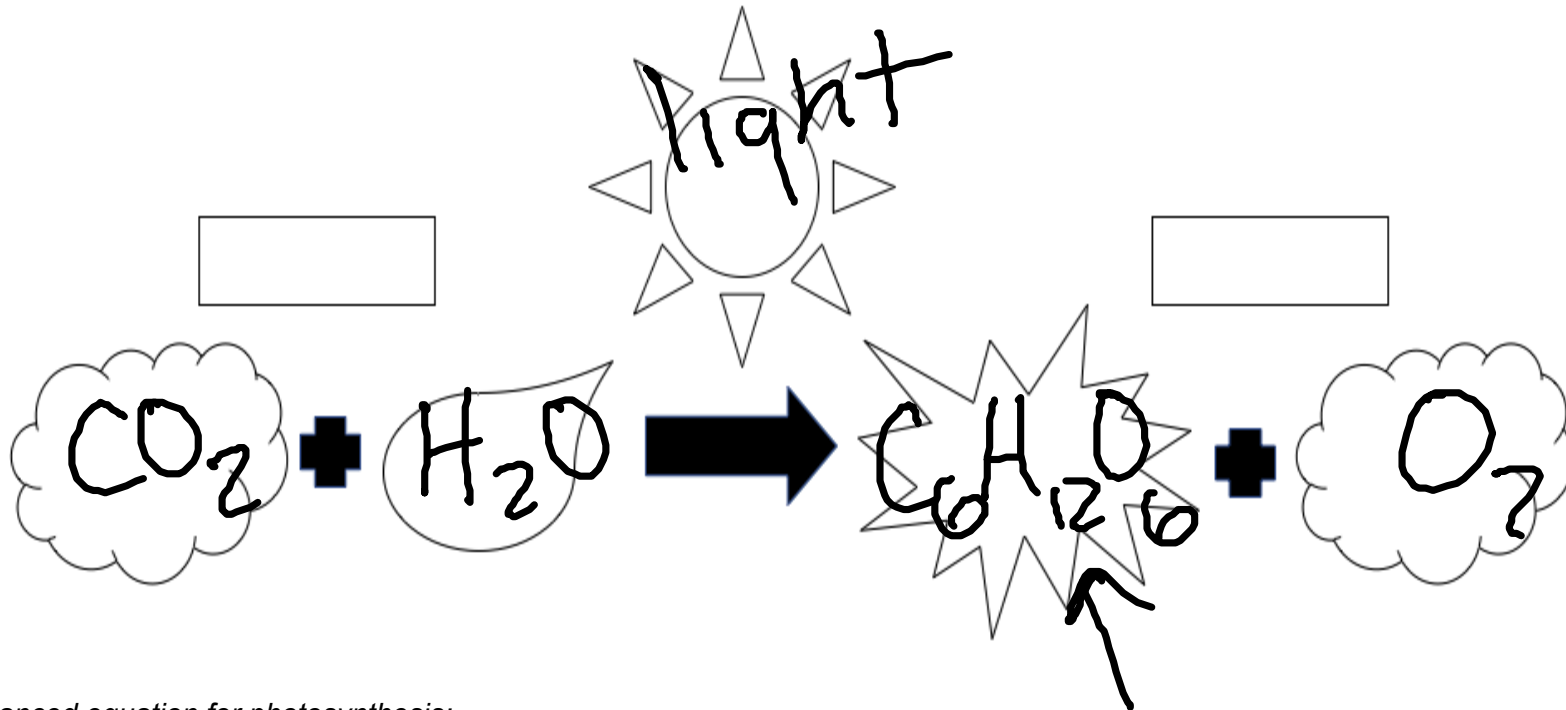
Photosynthesis is the process that uses _____ to convert _____ & _____ into _____ & _____.

Photosynthesis occurs in the _____ where a pigment called _____ captures light energy.

Organisms that use photosynthesis to _____ are called _____.

Organisms that cannot _____ are called _____.

Photosynthesis Model:



Write the balanced equation for photosynthesis:

Aerobic Respiration Notes

Aerobic cellular respiration is the process that converts O₂ & glucose

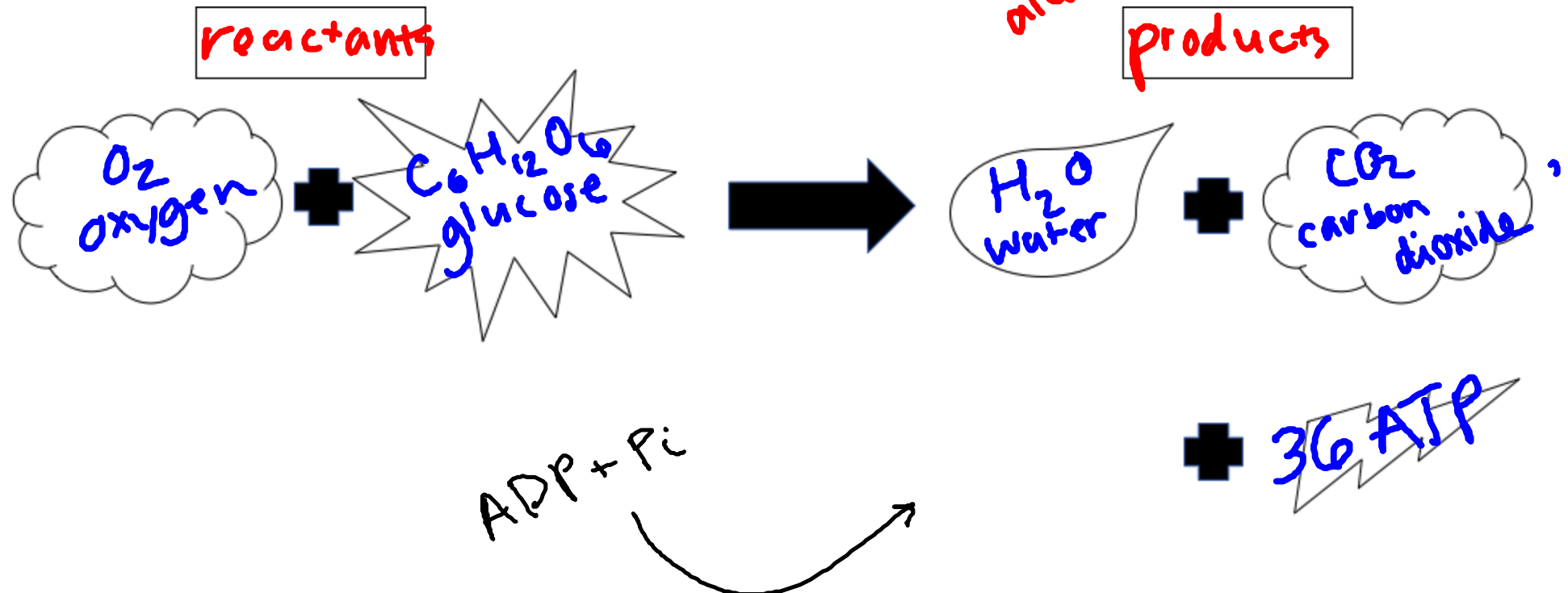
into CO₂, H₂O & 36 ATP (energy)

Respiration occurs in the mitochondria of all eukaryotic cells

Respiration that occurs in the absence of oxygen is called anaerobic respiration

This type of respiration is less efficient because it makes less ATP

Aerobic Respiration Model:



Write the balanced equation for aerobic respiration:

