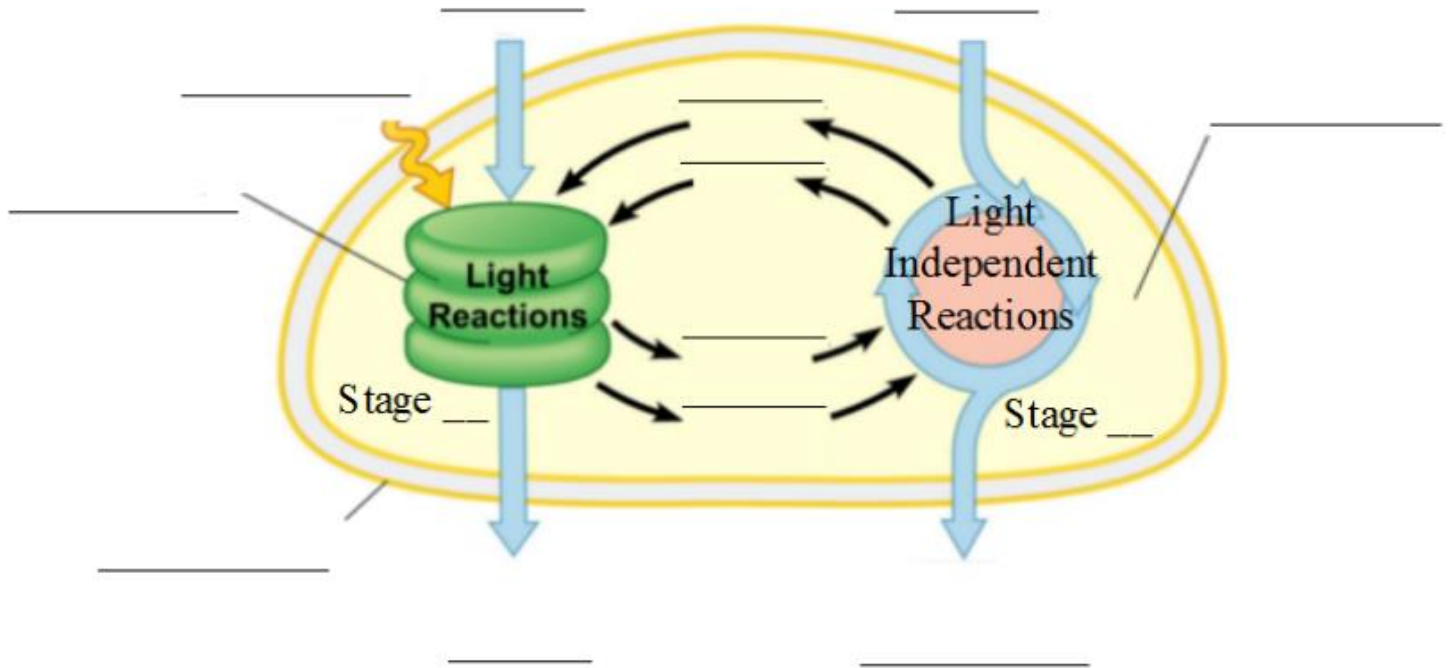
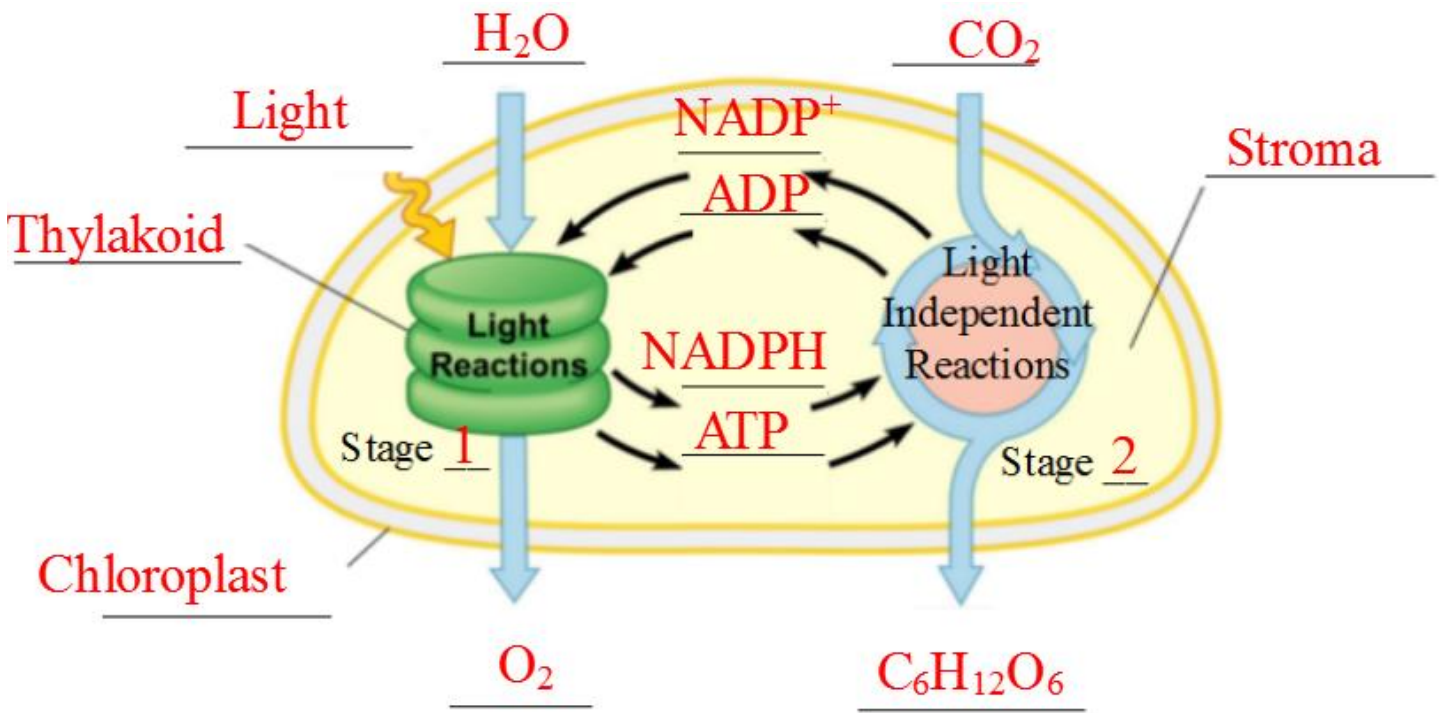


**Photosynthesis**

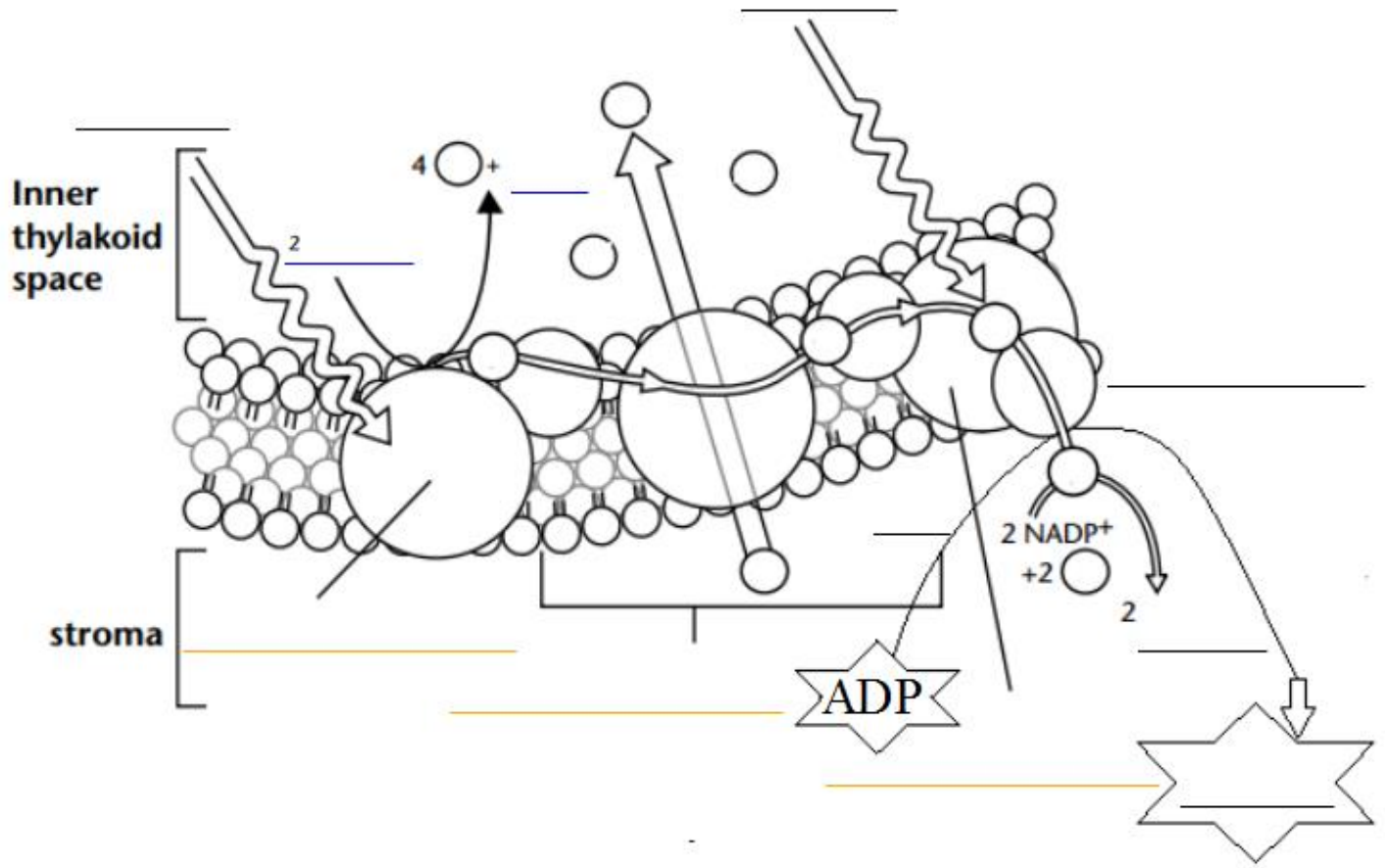


NADPH	ATP	Thylakoid	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	CO <sub>2</sub>	Chloroplast	1
NADP <sup>+</sup>	ADP	Stroma	H <sub>2</sub> O	O <sub>2</sub>	Light	2

Photosynthesis Labeled



Stage 1



Photosystems I

Photosystems II

Electron Transport Chain

ATP Synthase

Light Light

ATP +P

NADPH

$e^- e^-$

$e^- e^-$

$H^+$

$H^+$

$H^+$

$H^+$

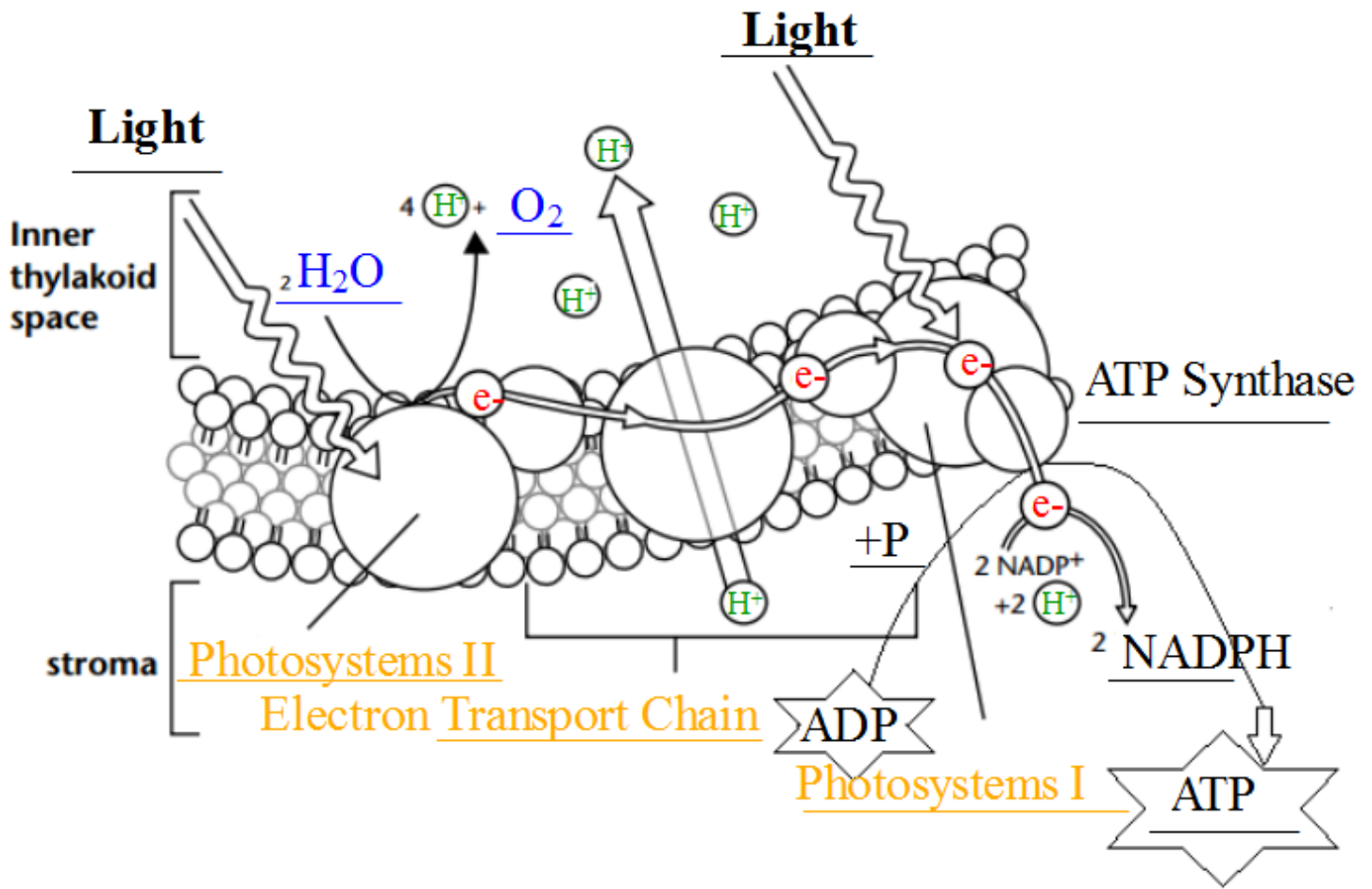
$H^+$

$H^+$

$H_2O$

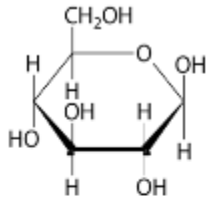
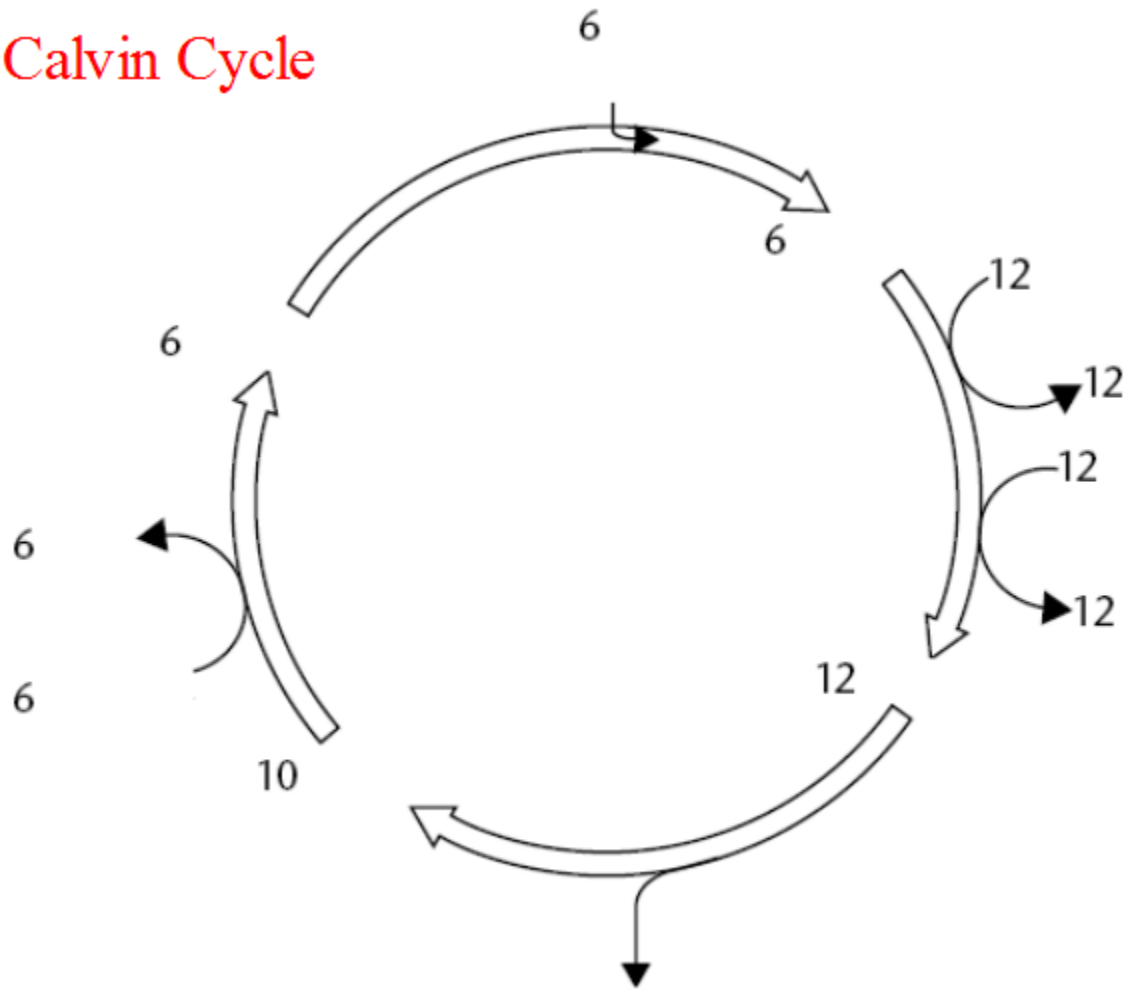
$O_2$

Stage 1 Labeled



Stage 2

# Calvin Cycle



CO<sub>2</sub>



NADP<sup>+</sup>



ADP



ADP



Stage 2 Labeled

# Calvin Cycle

