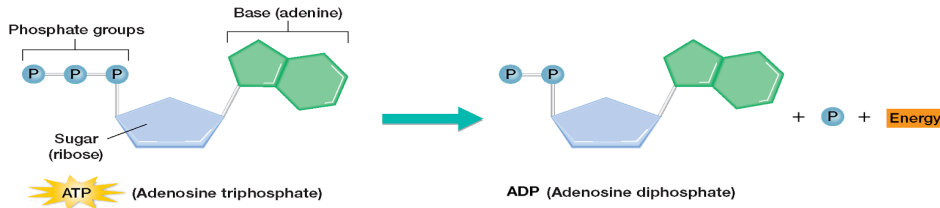


## Cellular Respiration

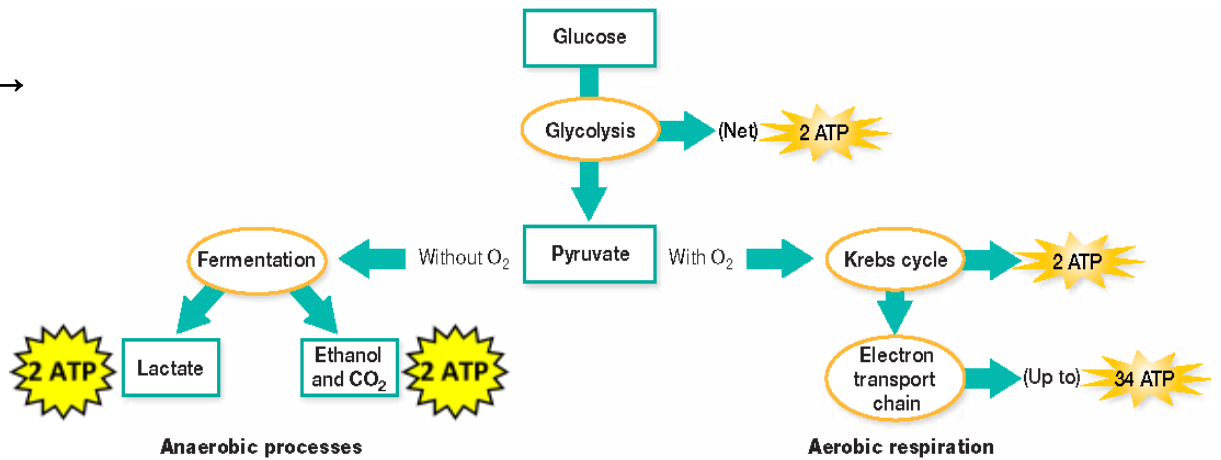
### Adenosine Triphosphate (ATP) –

It is constantly broken down into and built from \_\_\_\_\_ & \_\_\_\_\_ at the \_\_\_\_\_.



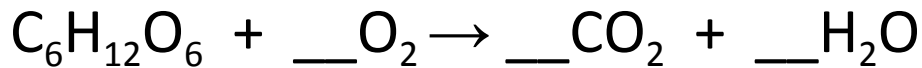
### Cellular Respiration-

Two types →



Aerobic Respiration – with \_\_\_\_\_

**Cellular Respiration Formula:**



\_\_\_\_\_ + \_\_\_\_\_ → \_\_\_\_\_ + \_\_\_\_\_

**Glycolysis-** Glucose is converted to \_\_\_\_\_ in the \_\_\_\_\_ producing \_\_\_\_\_ ATP

The pyruvate is then broken down further in the \_\_\_\_\_ producing \_\_\_\_\_ ATP

Total ATP= \_\_\_

Anaerobic Respiration- without \_\_\_\_\_

Process is called fermentation which has 2 types

Lactic Acid Fermentation-  $C_6H_{12}O_6 \rightarrow ATP + C_3H_6O_3$  \_\_\_ ATP

**or** Ethanol Fermentation-  $C_6H_{12}O_6 \rightarrow ATP + C_2H_5OH + CO_2$  \_\_\_ ATP

Total ATP= \_\_\_ (including glycolysis and one of the above)

