

CYTOPLASM

Glycolysis-

Glucose comes into the cell and is transformed to NADH through Glycolysis.

2 ATP come into the cell and is transformed to 4 ATP through glycolysis.

2 pyruvate come out of the cell. This is 2 carbon bonds made of 3 atoms C-C-C C-C-C

The two other respiration systems occur in the mitochondria.

MITOCHONDRION

Krebs cycle -

Pyruvate comes in

and 2CO₂

NADH,

FADH₂,

ATP comes out

Electron Transport Chain-

O₂

NADH

FADH₂ comes in

and H₂O and 32-34 ATP's go out

38 ATP in total

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