

GLYCOLYSIS

Introduction

Splitting of sugar (Glucose 6C) into 2 molecules of

Occurs in **all** types of cells

Beginning pathway for both aerobic and respiration

Involve energy phase and energy off phase

Production - (Answers all in NUMBER)

In Glycolysis:

ATP are used.

ATP being produced.

Total net ATP produce:

ATP produce via the process known as

phosphorylation

Produce $\text{NADH} + \text{H}^+$

Enzymes

Glucose to glucose-6-phosphate. Enzyme:

Fructose-6-phosphate to Fructose,1-6-bisphosphate. Enzyme:

LINK RECTION

Reaction between and Krebs Cycle

Occur times (*hint: number) per glucose molecule

Substrate / molecule in the link reaction that will enter the Krebs cycle:

There are NADH+H+ produced.