

GLYCOLYSIS

Introduction

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

Occurs in _____ 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 _____ NADH + H⁺

Enzymes

Glucose to glucose-6-phosphate. Enzyme:

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

LINK REACTION

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⁺ produce.