

Write the overall chemical formula for cellular respiration.

Rewrite the reaction in words.

Where in the cell does glycolysis occur during respiration?

Where does the Citric Acid Cycle occur?

What is the “yield” of ATP from glycolysis? Explain what this means.

What happens in organisms if oxygen is not present after glycolysis?

Why is oxygen necessary for aerobic respiration?

Distinguish between NADH and FADH₂. What is their role during respiration?

What is the “waste” gas of respiration? During what stage is it produced?

What is the average number of ATP molecules produced during cellular respiration? What is the role of ATP in the cell?

Fold on dotted line.

Cut the solid lines.

Glue this side to the inside of the right flap.

Answer the questions on the inside of the flap.