Use of glucose in cell respiration to make ATP

1 molecule glucose

Glycolysis
byproduct 1 = ________
byproduct 2 = ________

Main product = __________, which goes on to next step IF Oxygen present!

Pyruvate conversion
byproduct 1 = ______
byproduct 2 = ______

Main product = __________, which goes on to next step.

Kreb’s cycle
byproduct 1 = _____
byproduct 2 = _____
byproduct 3 = _____
byproduct 4 = _____

Electron transport chain
byproduct 1 = _____
byproduct 2 = _____
byproduct 3 = _____
byproduct 4 = _____

How much ATP made? __________

If NO Oxygen:

Fermentation (anaerobic)
byproduct 1 = _____
byproduct 2 = _____