

B	I	N	G	O
O ₂ (oxygen)	2 ATP	Anaerobic Respiration	Lactic Acid	Ethanol & CO ₂ (carbon dioxide)
ATP synthase	Muscles	Glycolysis	32-34 ATP	Krebs cycle
Mitochondria	Pyruvate	FREE	36-38 ATP	Cellular Respiration
Cytoplasm	Matrix	Electron transport chain (ETC)	CO ₂ (carbon dioxide)	Fermentation
C ₆ H ₁₂ O ₆ (glucose)	ATP	H ₂ O (water)	Yeast	Aerobic Respiration

B	I	N	G	O
Pyruvate	32-34 ATP	Lactic Acid	ATP synthase	Glycolysis
Anaerobic Respiration	Yeast	Ethanol & CO2 (carbon dioxide)	ATP	Krebs cycle
Cytoplasm	36-38 ATP	FREE	Cellular Respiration	2 ATP
CO2 (carbon dioxide)	H2O (water)	O2 (oxygen)	Aerobic Respiration	Matrix
Electron transport chain (ETC)	Fermentation	Mitochondria	Muscles	C6H12O6 (glucose)

B	I	N	G	O
ATP	H ₂ O (water)	32-34 ATP	Fermentation	36-38 ATP
O ₂ (oxygen)	Cytoplasm	Electron transport chain (ETC)	Muscles	Ethanol & CO ₂ (carbon dioxide)
Mitochondria	Aerobic Respiration	FREE	Matrix	CO ₂ (carbon dioxide)
Pyruvate	Krebs cycle	Lactic Acid	Yeast	Anaerobic Respiration
Cellular Respiration	2 ATP	Glycolysis	ATP synthase	C ₆ H ₁₂ O ₆ (glucose)