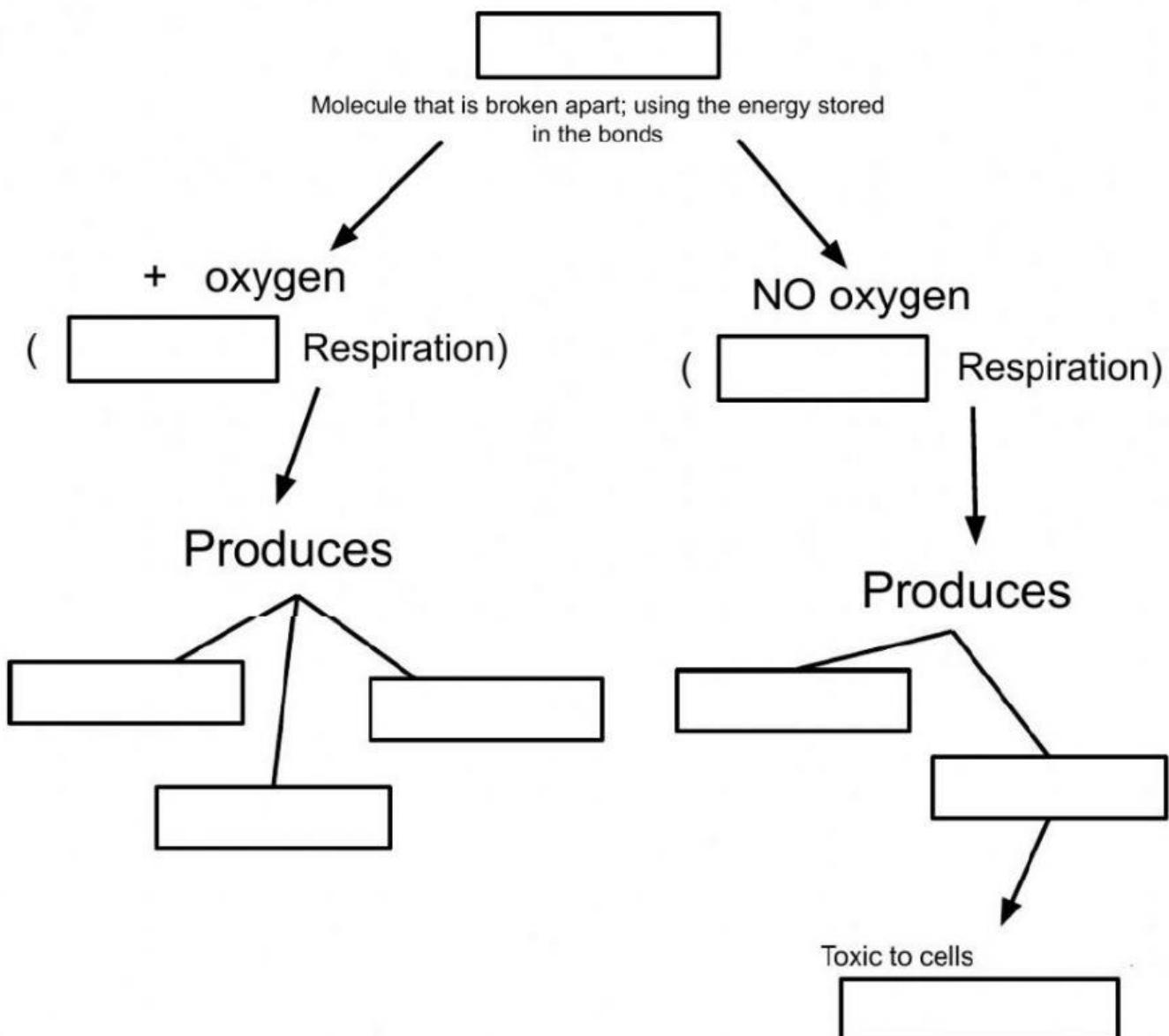


Directions: Drag the words from the word bank to complete the graphic organizer below.

Lactic Acid	CO ₂	H ₂ O	Aerobic	Glucose
Oxygen Debt	Anaerobic	A lot of ATP		Less ATP

Cellular Respiration



Write the word equations:

- During **aerobic respiration**, muscles get energy from glucose by 'paying' for it with oxygen.

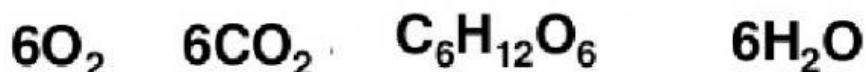


- During **anaerobic respiration**, muscles get energy from glucose but **do not** 'pay' for it with oxygen.

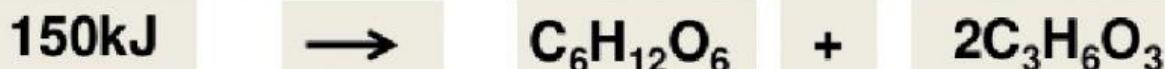


Balanced equation:

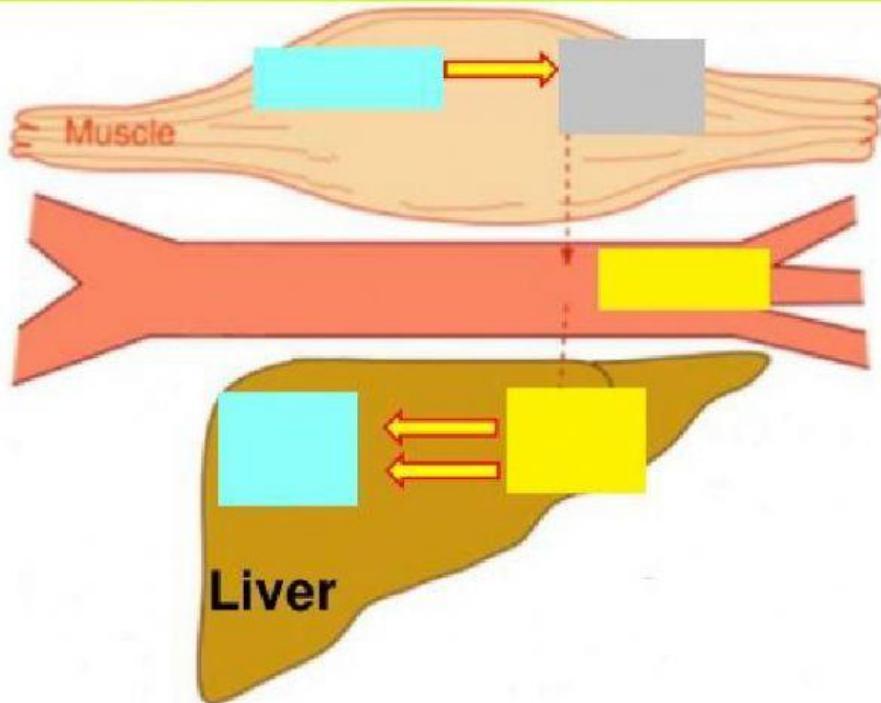
+ → + +



Rearrange the chemical equation of anaerobic respiration:



Complete the fate of lactic acid build up during anaerobic respiration in humans.



Write Anaerobic respiration word equation in yeast :

1.

→ + +

2. Drag and drop to complete the chemical equation of anaerobic respiration in yeast:

2C₂H₅OH

210 kJ

C₆H₁₂O₆

2CO₂

→ + +