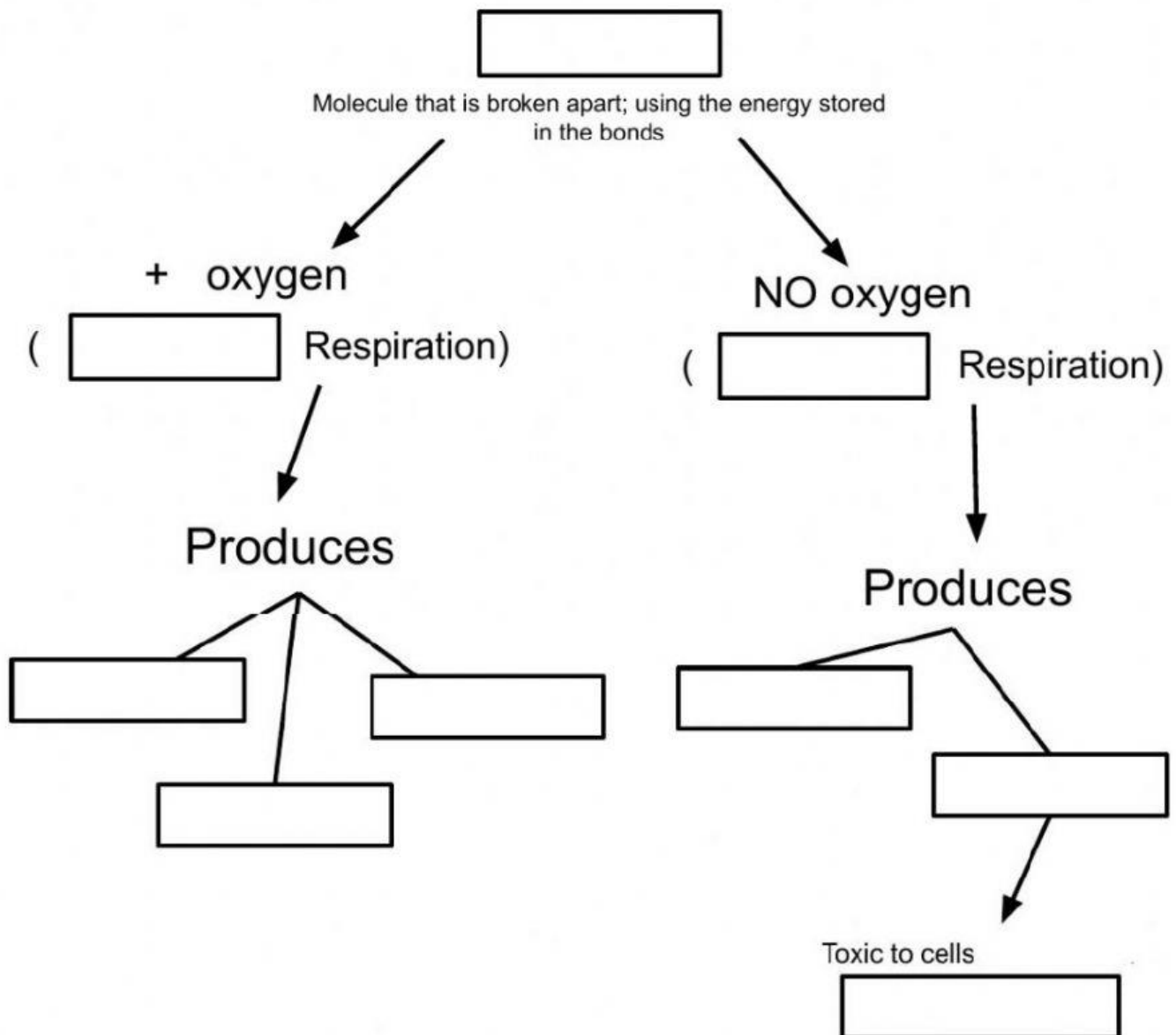


Directions: Drag the words from the word bank to complete the graphic organizer below.

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

Cellular Respiration



Write the word equations:

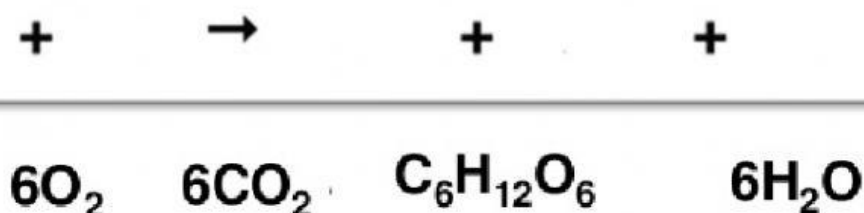
- During **aerobic** respiration, muscles get energy from glucose by 'paying' for it with oxygen.



- 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:

150kJ

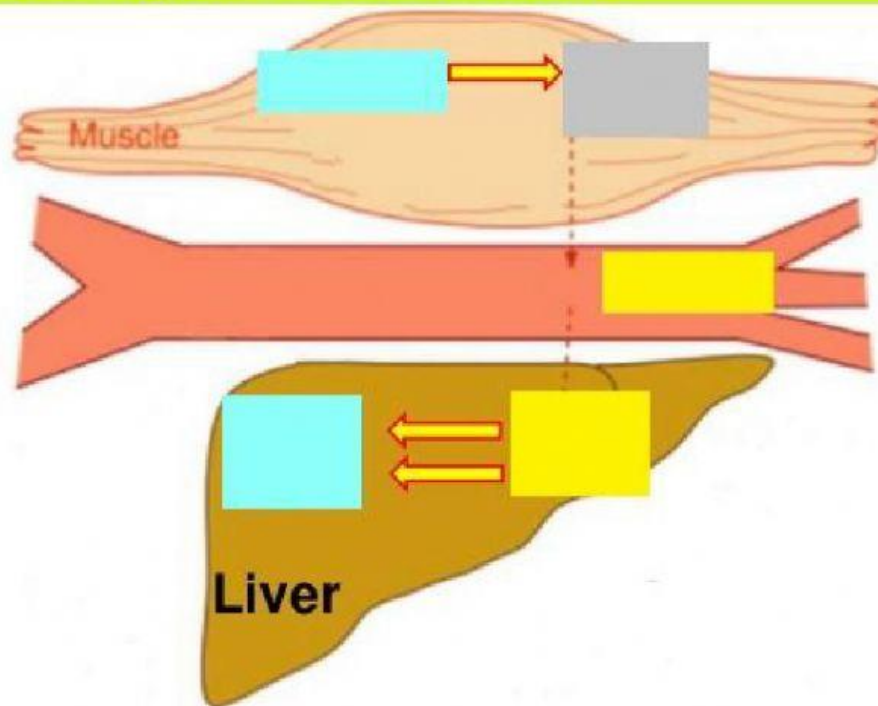


$\text{C}_6\text{H}_{12}\text{O}_6$

+

$2\text{C}_3\text{H}_6\text{O}_3$

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:

$2\text{C}_2\text{H}_5\text{OH}$

210 kJ

$\text{C}_6\text{H}_{12}\text{O}_6$

2CO_2

→

+

+