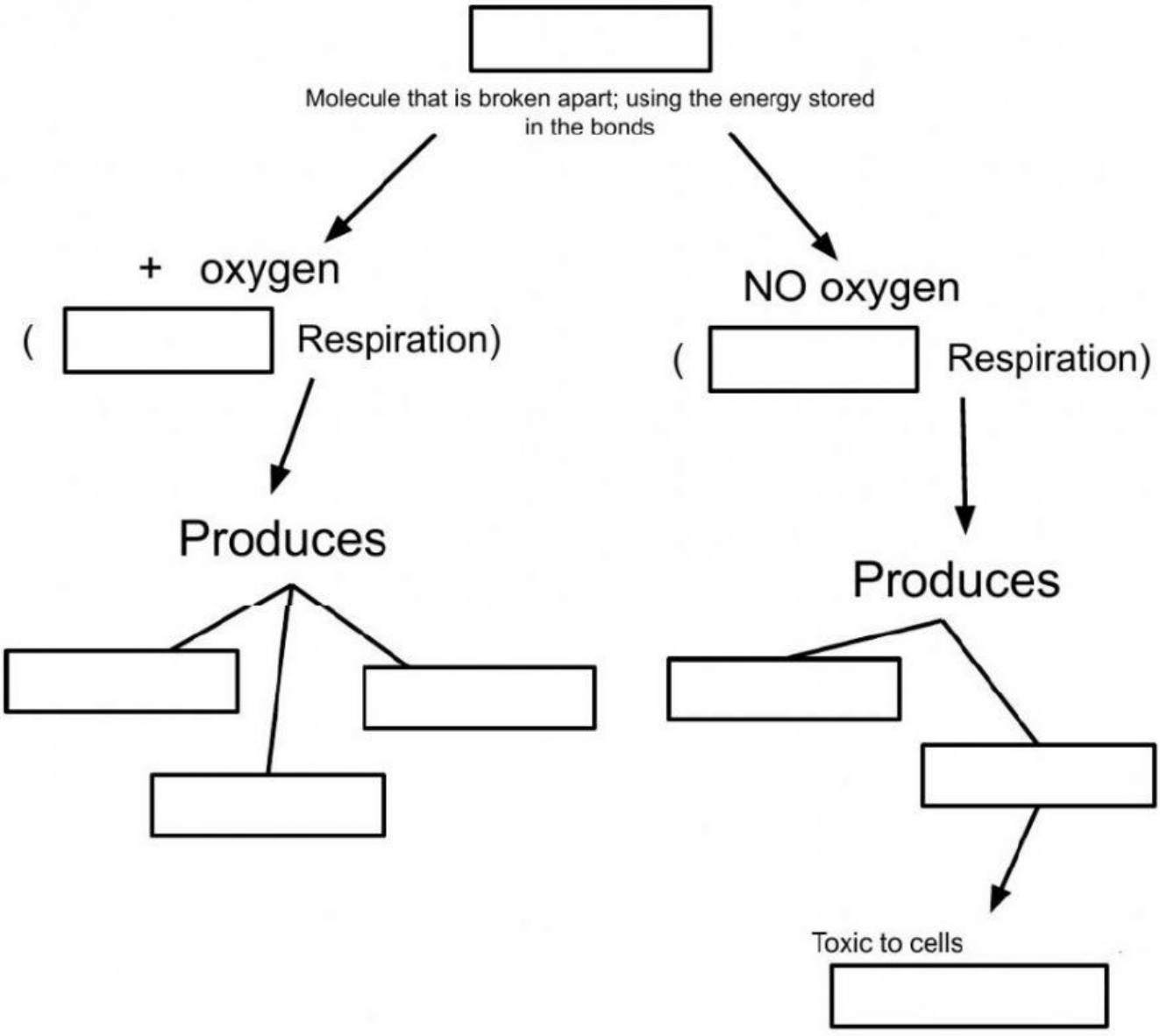
Directions: Drag the words from the word bank to complete the graphic organizer below.

Lactic Acid	CO_2	H_2O	Aerobic	Glucose
Oxygen Debt	Anaerobic	A lot of ATP	Less ATP	

Cellular Respiration



LIVEWORKSHEETS

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:

$$\quad + \quad \rightarrow \quad + \quad +$$

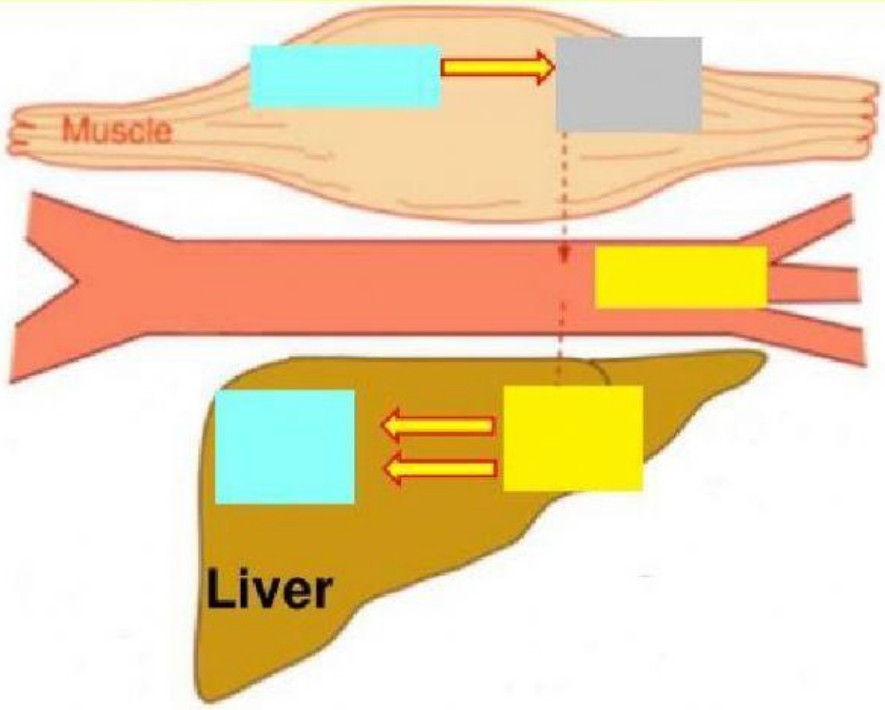
$$6O_2 \quad 6CO_2 \quad C_6H_{12}O_6 \quad 6H_2O$$

Rearrange the chemical equation of anaerobic respiration:

$$150kJ \longrightarrow C_6H_{12}O_6 + 2C_3H_6O_3$$

LIVEWORKSHEETS

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:

$2C_2H_5OH$ 210 kJ $C_6H_{12}O_6$ $2CO_2$

→ + +

LIVEWORKSHEETS