

Respiration recall questions

1. What are the two different types of respiration? **Anaerobic and aerobic**
2. Write down the word equation for aerobic respiration.
Glucose + oxygen → carbon dioxide + water
3. Write down the symbol equation for aerobic respiration.
 $C_6H_{12}O_6 + 6O_2 \rightarrow 6CO_2 + 6H_2O$
4. Is respiration an exothermic or endothermic reaction? **Exothermic**
5. Write down the word equation for anaerobic respiration in muscles.
Glucose → lactic acid + carbon dioxide
6. Write down the word equation for anaerobic respiration in plant and yeast cells. **Glucose → ethanol + carbon dioxide**
7. Say two things that fermentation in yeast is used for. **Producing alcoholic drinks and making bread.**
8. What three things do organisms need energy for? **Chemical reactions to build larger molecules, movement, keeping warm**
9. Say three things that increase when we exercise. **Heart rate, breathing rate and breath volume increases.**
10. What product of anaerobic respiration causes muscle fatigue? **Lactic acid**