

Define the following words and give their equations:

- Aerobic respiration

Word Equation:

Symbol Equation:

- Anaerobic respiration

Word Equation:

Symbol Equation:

Explain how you would use the equipment pictured to find out how light intensity affects the rate of reaction.

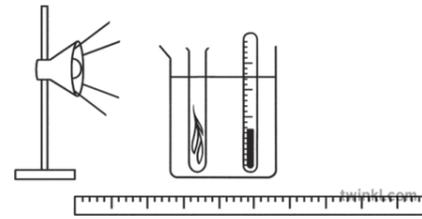
Variables:

Independent -

Dependent -

Controls -

Method:



Complete this table comparing the three types of respiration:

| Aerobic | Anaerobic muscles | Anaerobic yeast |
|---------|-------------------|-----------------|
| | | |

Draw the photosynthesis limiting factors curves:

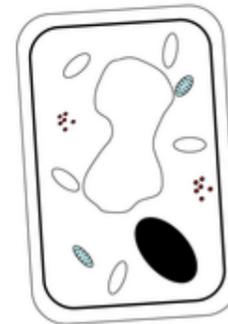
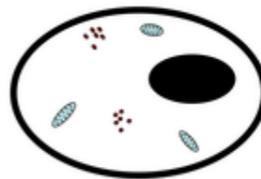
1) Light

2) Temperature

3) Carbon dioxide

B8 and B9 Photosynthesis and Respiration

Label the plant and animal cells:



What is the equation for photosynthesis?

Word:

Symbol:

Explain why breathing rate and heart rate increase during exercise.

What is glucose used for in plants?