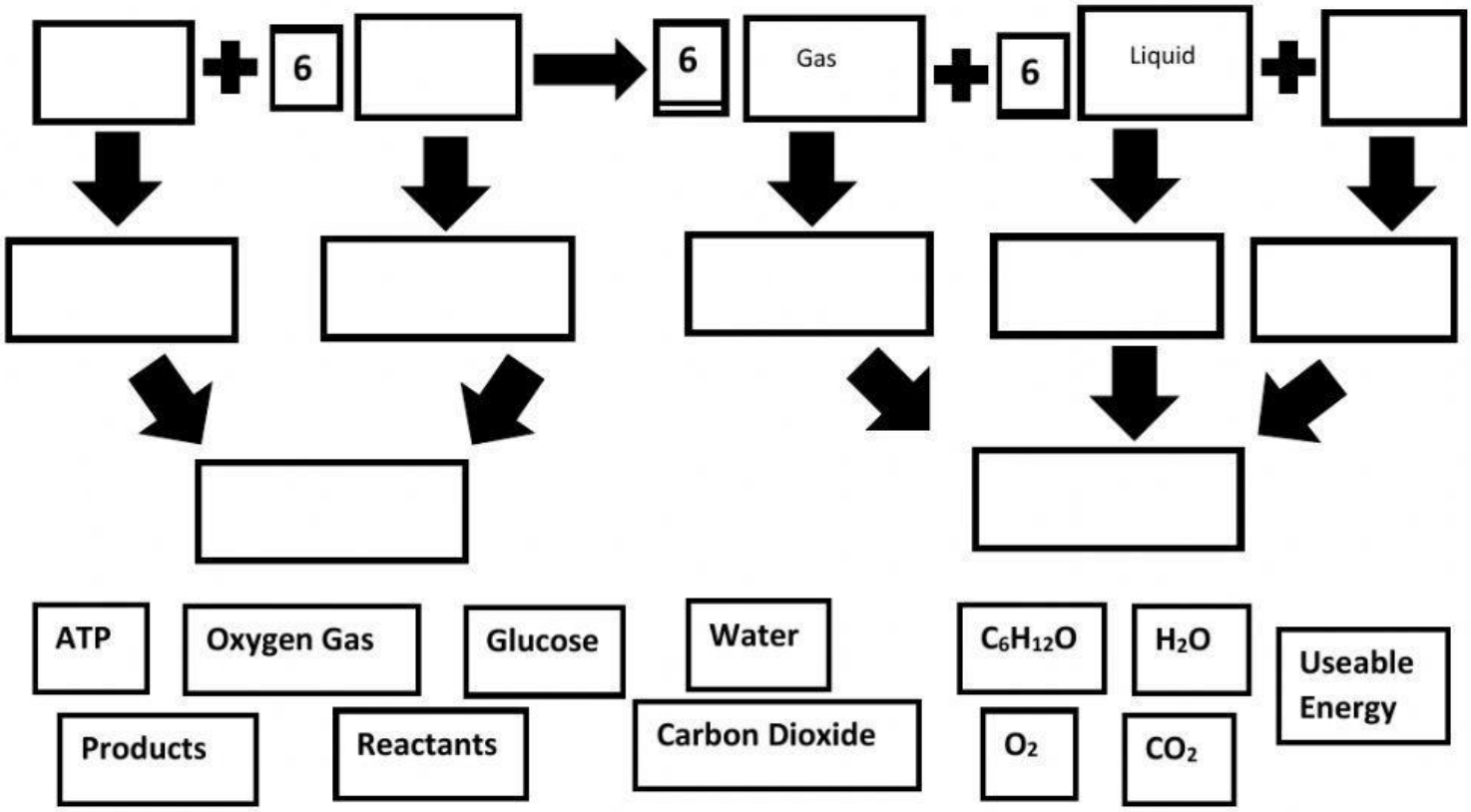
Cellular Respiration Worksheet

Complete all of the following questions using your cellular respiration notes, especially the grid!

1. Put the correct chemicals in order for the equation for cellular respiration. The first row is the equation in symbols (i.e. CO_2). The second row is then for the names of those chemicals.

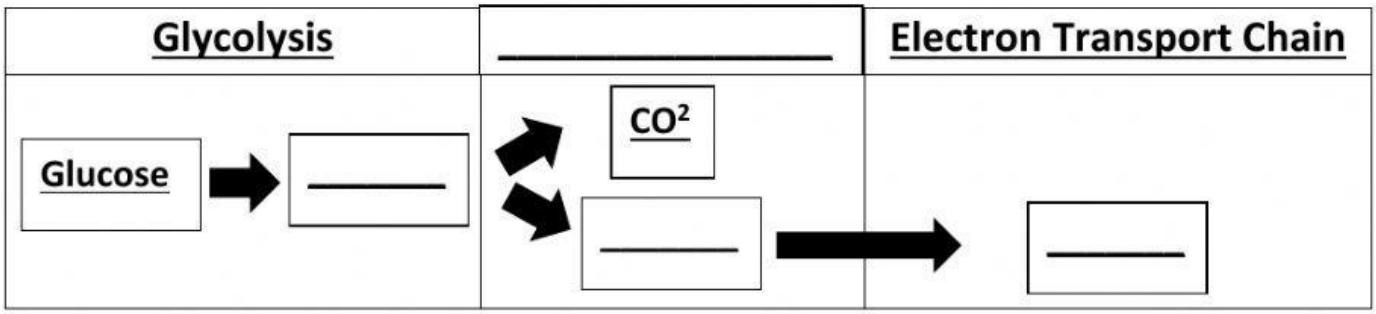


2. Cellular respiration and photosynthesis are linked. In a plant, before it can do cellular respiration it must make food. To do this it needs _____ from the air, _____ from the soil, and _____. The food it produces is _____. With the _____ from photosynthesis, it can then go through cellular respiration. _____ (the food) and _____ from the air combine in cellular respiration. They form _____ (which is a gas), _____, and _____ (which provides energy). The purpose of cellular respiration is to make _____ and _____ are waste products that are let go in the process.

3. Fill in the blanks with the correct word by dragging and dropping them there.

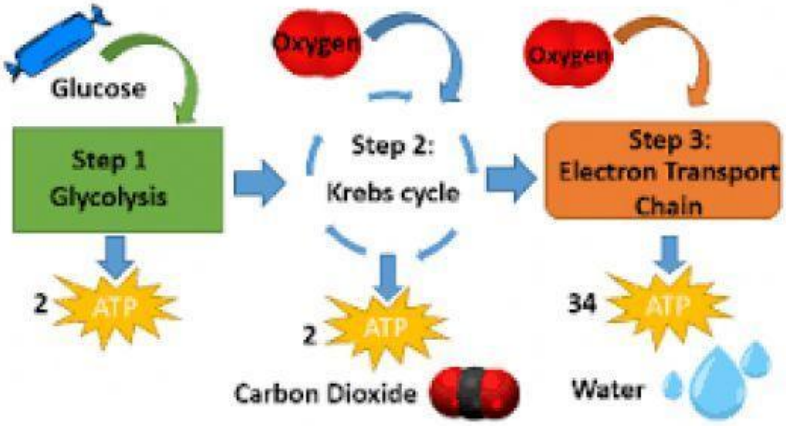
LIVEWORKSHEETS

Cellular Respiration Worksheet



2 Pyruvate | ATP | Electron Carriers | Krebs Cycle

4. Use the graphic below to answer the questions.



- Which step uses the glucose? _____
- Which step uses oxygen? _____
- Which step does the waste product carbon dioxide come from? _____
- Which step does the waste product water come from? _____
- Based on the image, which step is the most important when it comes to supplying ATP? _____
- How much ATP is made in cellular respiration based on this image? _____
- Is this type of cellular respiration aerobic or anaerobic? _____

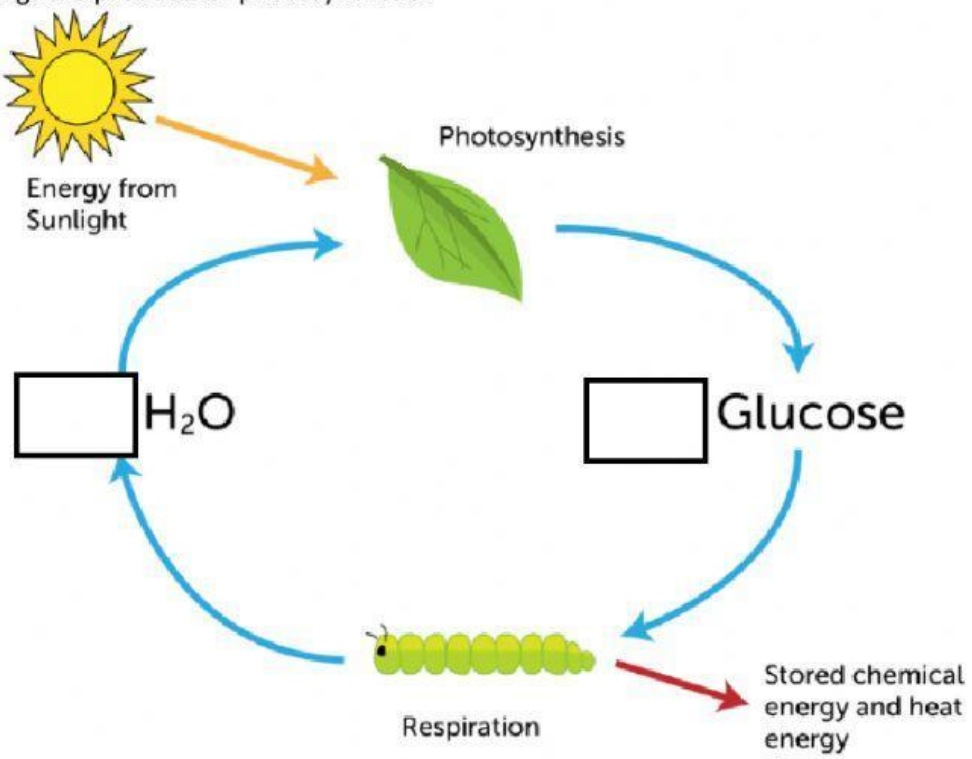
5. Select the correct answers for each list below. Select all that apply.

LIVEWORKSHEETS

Cellular Respiration Worksheet

Reactants of Cellular Respiration	Products of Cellular Respiration
Water	Water
Glucose	Glucose
Carbon Dioxide	Carbon Dioxide
Nitrogen	Nitrogen
Oxygen Gas	Oxygen Gas
ATP	ATP
Sunlight	Sunlight

6. Fill in the correct gases. Hint: The arrow pointing away from photosynthesis is showing what things are products of photosynthesis.



LIVEWORKSHEETS

Cellular Respiration Worksheet

7. Select the correct answers like a normal multiple choice question.
    - Which of the following organisms go through cellular respiration?
        A. Autotrophs
        B. Heterotrophs
        C. Both Autotrophs and Heterotrophs
    - The main source of energy in a cell is?
        A. Carbohydrates
        B. Lipids
        C. DNA
        D. ATP
    - Which is a factor that affects cellular respiration?
        A. Co2 levels in the air
        B. Water amount in the soil
        C. Glucose amount in the body
        D. Light Intensity
    - Which of these things is found as part of the cellular respiration equation, but not in the photosynthesis equation?
        A. Oxygen Gas
        B. ATP
        C. Sunlight
        D. Carbon Dioxide

8. Watch the video and answer the questions below.

Which waste product is what causes bread to rise? _____
Other than the waste product, what is needed to allow bread to rise? _____
What do yeast eat? _____

LIVEWORKSHEETS