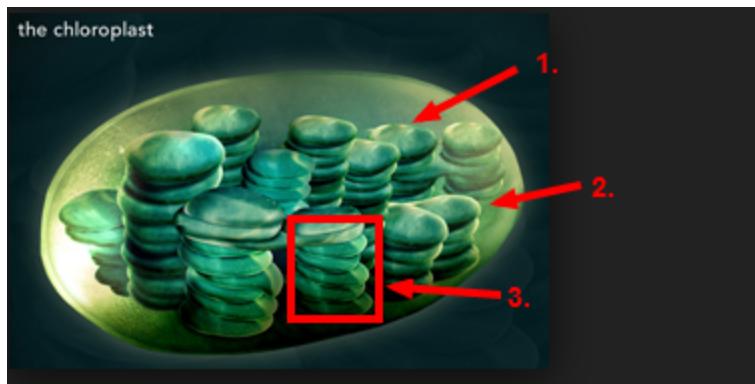


Chapter 8 and 9 Cumulative Review Sheet

1. Respiration releases energy by breaking down glucose in the presence of what?
2. Name the two electron carriers of the Krebs cycle.
3. Name the three stages of respiration in order.
4. What does PSN use to store energy?
5. What process produces lactic acid and where does it occur?
6. How much ATP is produced through respiration from 1 glucose molecule?
7. How many variables are tested in controlled experiments?
8. What type of cells lacks a cell wall?
9. Which macromolecule is a monosaccharide?
10. What do catalysts (enzymes) do to activation energy?
11. What do enzymes do to a chemical reaction?
12. A well-tested explanation that unifies a broad range of observations is called what?
13. Which macromolecule is our main source of energy?
14. Which organelle is the main location of respiration?
15. Which organelle makes proteins?
16. Draw a chloroplast and label the thylakoid, granum and stroma.



17. What term means that cells have different jobs?
18. Name the reactants of respiration.
19. Name the three parts of ATP.
20. What is produced from the Calvin cycle (independent light reaction)?
21. Which organelle is unique to plants?