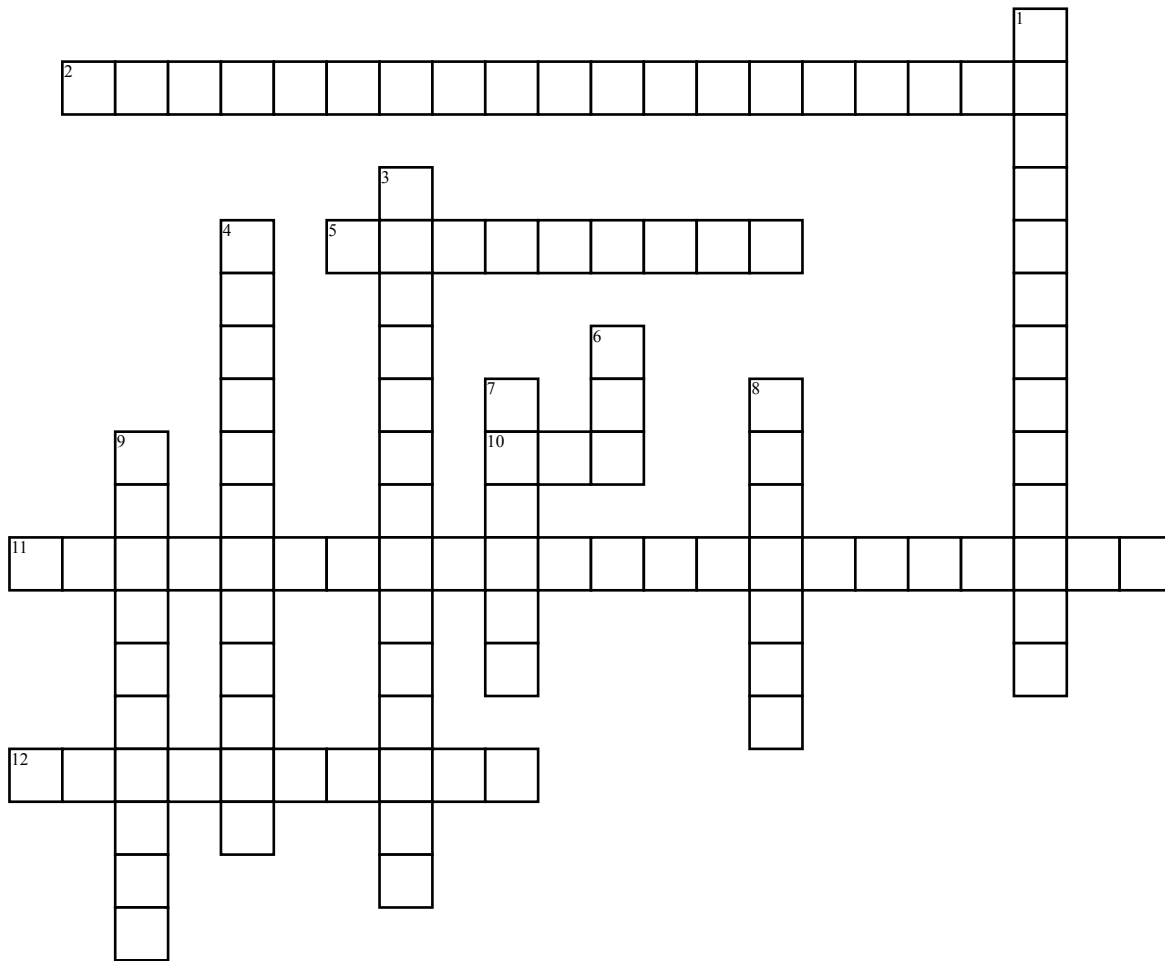


Chapter 6: How Cells Release Energy



Across

2. Used by all plants and animals as well as microbes and yields 36 ATP

5. Each (theoretical) total of ATP produced from one glucose is

10. ATP is produced from

11. (Stage 3) the potential energy in the electrons is used to produce more ATP.

12. (Stage 1) Splitting of Glucose

Down

1. Electron Transport Chain occurs within the part of cell

3. Pathway related to respiration by

water, oxygen, carbon dioxide, and sugar

4. Allows glycolysis to continue and produce ATP

6. The Energy Carrier molecule used to power cell activities.

7. Where the Krebs Cycle occurs

8. Glycolysis reactions happen within this part of the cell

9. (Stage 2) Acetyl CoA molecules is transferred to electrons