

Name: _____ Date: _____ Block: _____

Cell Respiration Worksheet

1. Where does glycolysis occur?
2. Glycolysis breaks down a 6 carbon sugar into what type of molecules?
3. What is the net gain?
4. What is the end product of glycolysis?
5. Where does that end product go?
6. Where does the Krebs cycle take place? What organelle and where in that organelle?
7. Chemical energy is released and captured in the form of what 3 molecules?
8. What is the end product of the Krebs cycle?
9. Where is the electron transport chain located?
10. Does the electron transport chain allow for little or large amounts of energy to be released?
11. What is fermentation?
12. What is the advantage of fermentation?
13. How many molecules of ATP can be generated in aerobic respiration compared to fermentation?
14. What are the 3 metabolic processes of cell respiration?
15. Again, name each process and state where each process occurs in a living cell.