Ch 7 review cellular respiration

1. Define cellular respiration and which organelle uses it?
2. Draw and label an ATP and ADP molecule.
3. Draw a concept map connecting cellular respiration, glycolysis, fermentation, aerobic respiration, anaerobic respiration, pyruvic acid, lactic acid, ethyl alcohol, and ATP.
4. List the steps of the Krebs cycle and where it occurs.
5. What are the steps of a glycolysis, where do they occur, and how many ATP molecules does each step produce?
6. Write the word and chemical formula for cellular respiration.
7. What are NADH and FADH2 used for in the ETC?
8. What do acetyl CoA, oxaloacetic acid, and citric acid each do?
9. What can the byproducts of the Krebs cycle be used for in the human body?
10. During aerobic respiration oxygen can accept both protons and electrons from the ETC; what does that produce?