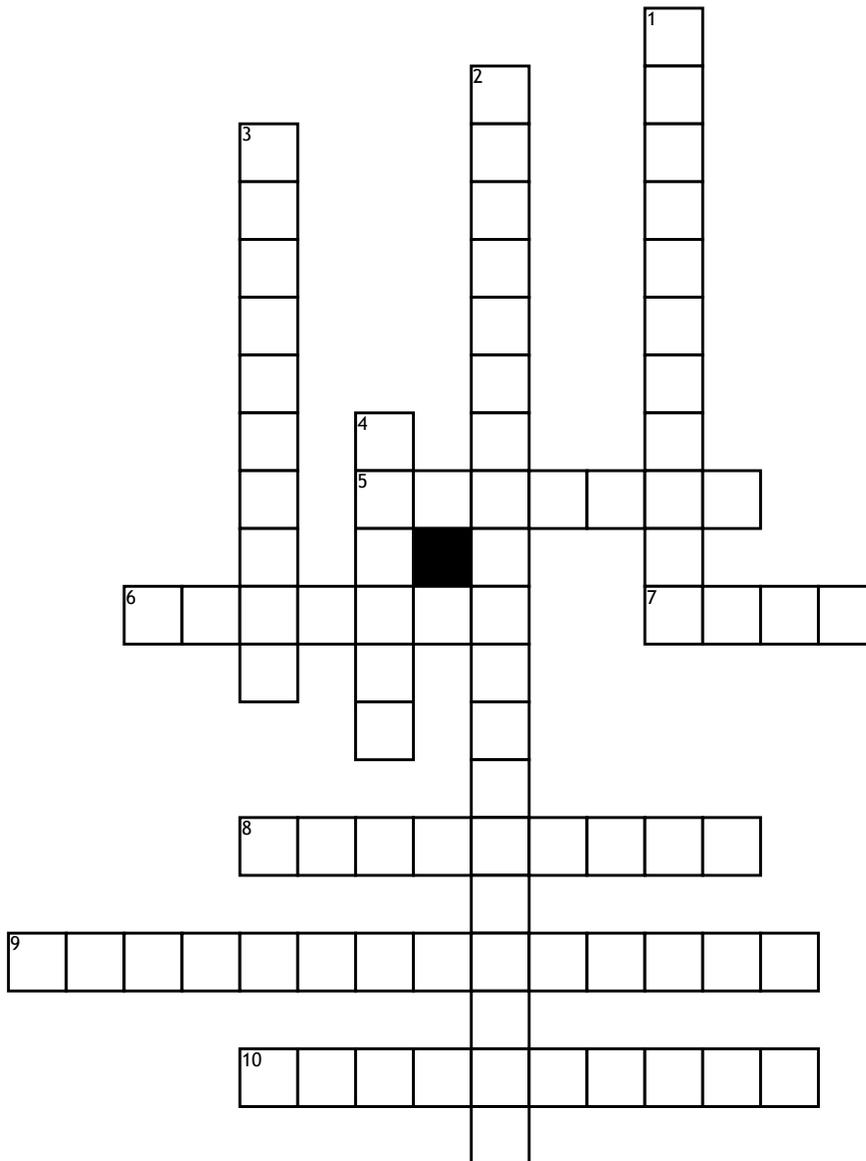


Name: _____

bio



Across

5. what pathway of cellular respiration requires oxygen
6. the amount of energy needed to raise the temperature of 1 gram of water to 1 degree celsius
7. Electron carrier
8. what pathway of cellular respiration does not require oxygen?
9. What is the process used by plants and other organisms to convert light energy into chemical energy that can later be released to fuel the organisms' activities

10. what is the first set of reactions in cellular respiration ?

Down

1. in the absence of oxygen, what releases energy from food molecules by producing ATP
2. what is the process that releases energy from food in the presence of oxygen
3. what is the second set of reactions in cellular respiration?
4. what is the innermost compartment of the mitochondria and the site of the Krebs cycle reactions?