VMW 261: In-class quiz #4

|  |  |
| --- | --- |
| Name: |  |
|  |  |

**Instructions**

Read each question carefully and circle the correct answer. When you are done, bring your quiz up to Russ ☺

1. The Calvin Cycle
   1. Is responsible for the fixation of CO2
   2. Is responsible for the generation of ATP
   3. Is responsible for the generation of NADPH
   4. Is also known as the light depenedent reaction
2. Cellular respiration is\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. How plants take in CO2 and give off O2
   2. How plant use ATP and create carbohydrates
   3. How plants break down carbohydrates to generate cellular energy
   4. How plants use carbohydrates to create ADP
3. What is produced during the light dependent reactions of photosynthesis?
   1. ATP and NADPH
   2. ADP and NAD-
   3. Sucrose
   4. Nothing
4. Where does cellular respiration occur?
   1. The chloroplast
   2. The mitochondria
   3. The cytosol
   4. The cytochrome
5. What is another name for the TCA cycle?
   1. The Krebs cycle
   2. The Calvin cycle
   3. The bi-cycle
   4. The TCC cycle

Extra credit

1. What is the product of glycolysis that feeds into the TCA cycle?
   1. Glucose
   2. Pyruvate
   3. G3P
   4. Fructose 1,6-bisphosate