

Name: _____

Block: _____

Krebs Cycle Worksheet

1. Who is the Krebs cycle named after?
2. What is the name of the 4-carbon compound that combines with each of the Acetyl-CoA molecules?
3. What is the name of the first product formed during the Krebs cycle?
 - a. How many carbon atoms does it contain?
 - b. When it turns into a 5-carbon compound, what gas is released?
 - c. When the 5-carbon compound turns into a 4-carbon compound, what gas is released?
4. Why does the Krebs cycle spin twice?
 - a. In total, how many of each energy storing compound are formed?
 - i. ATP
 - ii. NADH
 - iii. FADH₂
5. For the Krebs cycle to continue, the 4-carbon compound rearranges to recycle which molecule?