

NAME: _____

Quiz 20

1. Draw acetyl-CoA (you can abbreviate CoA).
2. Draw oxaloacetate.
3. Draw α -ketoglutarate.
4. How many total (all together) C-C and C-H bonds are present in **one** acetyl-CoA (don't worry about the CoA portion) and **one** oxaloacetate?
5. How many total (all together) C-C and C-H bonds are present in **one** α -ketoglutarate?
6. What is the numerical difference between your answers for #4 and #5?
7. How many redox reactions occur in the pathway of one acetyl-CoA and one oxaloacetate becoming one α -ketoglutarate? List the steps.