## How dry am I?

1- How is the equilibrium position of this reaction affected by the following changes?

- $C(s) + H2O(g) + heat \leftrightarrow CO(g) + H2(g)$ 
  - a. Lowering the temperature
  - b. Increasing the pressure
  - c. Removing hydrogen
  - d. Adding water vapor

2- How do the amounts of reactants and products change after a reaction has reached chemical equilibrium?

3- What are three stresses that can upset the equilibrium of a chemical system?

4- What is the reaction called that goes from right to left, what is the reaction called that goes from left to right?

5-True or False, equilibrium means you have equal amounts of reactants and products?

6- Can a pressure change shift the equilibrium position in every reversible reaction? Explain.

And copy down the lab from your partner.