**ANIMAL BEHAVIOR LAB BACKGROUND QUESTIONS**

1. What Phylum and Class do pill bugs belong to? What are some typical feature of organisms that belong these phyla/class?
2. Where would you expect to find pill bugs – and why? Complete these statements – Pill bug behavior will locate them in places that are……….. This is expected because ……….
3. What is a resource gradient?
4. What type of resource gradient will you providing for pill bugs to choose from in your experiment? (remember you will have a minimum of 4 chambers in your shoe box)
5. How do you expect the pill bugs to behave in your resource gradient and why?
6. What do the terms orienting behaviors, kinesis, and taxis mean? Do you expect to see these behaviors in this experiment – if so, when and how?
7. What other kinds of social behaviors/cognitive behaviors do you expect to see?