

ANIMAL BEHAVIOR
PRE-LAB

Name: _____

Date: _____

Total Points: 30

Due Date: _____

1. Define the following terms: (1 point each)
 - a. Ethology:
 - b. Kinesis:
 - c. Taxis:
 - d. Orientation Behavior:
 - e. Agonistic Behavior:
 - f. Mating Behavior:
2. Classify and describe the sowbug. (2 points)
3. How will you observe the sowbug? (2 points)
4. Describe the 'choice chamber.' (2 points)
5. Describe what you're going to do and how you're going to do it. (2 points)
6. Use the data below and graph your results (5 points)

Time in minutes	# of sowbugs in the light chamber	# of sowbugs in the dark chamber
0.0	5	5
0.5	4	6
1.0	4	6
1.5	3	7
2.0	3	7
2.5	4	6
3.0	3	7
3.5	2	8
4.0	3	7
4.5	4	6
5.0	2	8
5.5	2	8
6.0	1	9
6.5	2	8
7.0	2	8
7.5	1	9
8.0	0	10

7. What conclusion can you reach from your graph? (3 points)
8. The following question requires you to record your experimental design for the sowbug experiment.
 - a. Hypothesis (3 points):
 - b. Objective of experiment (2 points)
 - c. Materials needed (2 points):
 - d. Procedures (3 points):