

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

## AP Biology Guided Reading - CHAPTER 51: ANIMAL BEHAVIOR

1. Define the two basic types of behavior.
2. Compare and contrast instincts and reflexes.
3. What is a fixed action pattern?
4. Describe the following behaviors:
  - a. Imprinting
  - b. Habituation
  - c. Trial and Error
  - d. Associative Learning
    - Classical conditioning
    - Operant conditioning
  - e. Agonistic behavior

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f. Dominance Hierarchy

g. Altruistic Behavior

5. Explain the difference between proximate and ultimate causes.
6. In the PowerPoint presentation, why do you think the birds are spaced that particular distance apart?
7. List an advantage and a disadvantage of defending a territory.
8. What are pheromones and how do they help in communication?
9. What are circadian rhythms and how are they of adaptive value?
10. Explain the evolutionary adaptation of kin selection.