

Name: \_\_\_\_\_

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**Chapter 1.1 Homework**  
**Conceptual Physics**

Parent Signature: \_\_\_\_\_

**Reviewing Concepts**

1. List and define the two categories we use to classify everything in the universe. (1)
2. How have physicists come to understand the natural laws? (1)
4. Explain why light is not considered to be matter. (1)
5. Define the term *system* as it relates to experiments. (1)
6. When designing an experiment, how do you determine what to include in the system? (1)
7. List the steps of the scientific method. (1)

8. Explain the difference between a hypothesis and a theory. (1)

11. What is the goal of an experiment? (1)

12. What are the characteristics of scientific evidence? (1)