Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Science

 Testable Questions 

A. Directions: For each statement, fill in the blank using a word from the word bank

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| --- |
| Purpose Experiment Testable question Affects Opinions |

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ do not make good testable questions because they are not always based on proven facts.

2. A testable question is one that can be answered by designing and conducting a/an

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. An idea or question to be investigated is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a scientific investigation.

4. Testable questions usually take the form “How does something \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ something else?”

5. The purpose of a scientific investigation usually involves asking a

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

B. Directions: State whether the following are testable questions. Put the word **testable** or **nontestable** in the blank. Remember (1) that something affects something else and (2) no opinions, emotions, and supernatural events.

6. Do you think that Friday is the best day of the week? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. How does the quality of sneakers affect a basketball player’s jump height? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. How do you feel about the affect technology has on plant growth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. How does the temperature of a room affect the movement of molecules? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. What made the ghost appear from thin air? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_