

What Is Physical Science?

Understanding Main Ideas

Answer the following questions in the spaces provided.

1. What are three skills scientists use to learn about the natural world?

2. What are inferences based on?

3. What do physical scientists study?

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term in the left column.

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| _____ 4. observing | a. the study of the properties of matter and how matter changes |
| _____ 5. inferring | b. making a forecast of what will happen in the future based on experience or evidence |
| _____ 6. predicting | c. the study of matter and energy and how they interact |
| _____ 7. chemistry | d. explaining or interpreting things you observe based on reasoning from what you already know |
| _____ 8. physics | e. a way of learning about the natural world |
| _____ 9. science | f. using one or more of your senses to gather information |