

# What is physical science?

## Lesson Review

Complete the following.

1. What course would you take if you wanted to study chemistry and physics? \_\_\_\_\_
2. If you were interested in becoming a biochemist, which physical science field would you study?  
\_\_\_\_\_
3. What is studied in chemistry? \_\_\_\_\_  
\_\_\_\_\_
4. If you were conducting tests on how well heat traveled in an object, in what branch of physical science would you be working? \_\_\_\_\_
5. Matter and energy are studied in which branch of science? \_\_\_\_\_
6. Name two career opportunities in the field of optics. \_\_\_\_\_
7. What are some alternative sources of energy for power that physical scientists are currently researching? \_\_\_\_\_

## Skill Challenge

**Skills:** listing, organizing, making a table

Chemistry and physics are only two fields of science you may study. List five other fields of science and find out what is studied in each field. Record your answers in a table.

# Answer Key

## PROPERTIES OF MATTER

### What is physical science?

#### Lesson Review

1. physical science
2. biochemistry
3. the structure and makeup of matter and the changes it undergoes
4. thermodynamics
5. physical science
6. optician, research scientist in optical fibers or lasers
7. Possible answers: solar panels, wind farms, and fuel cells

#### Skill Challenge

Possible answers: zoology—the structure, physiology, development, and classification of animals; radiology—diagnosis and treatment of disease using radioactive substances; meteorology—weather and atmospheric conditions; psychology—mental processes and behavior; toxicology—poisons and the treatment of poisoning