

Section  
**1-1**

HOLT PHYSICS

# Concept Review

## *What is Physics?*

1. Which areas of physics deal with the following?
  - a. how fast things move \_\_\_\_\_
  - b. how the shape of a cave affects an echo \_\_\_\_\_
  - c. which sunglasses are best for cutting the glare on a ski slope \_\_\_\_\_
  - d. how the cooling system in a refrigerator works \_\_\_\_\_
  - e. what lightning is \_\_\_\_\_
  - f. how energy is produced by the sun \_\_\_\_\_

2. Laws governing speed limits on highways are determined by a majority vote by citizens of a state or their representatives. Compare this democratic procedure to the way scientific laws are established with regard to the following questions. Explain your reasoning.

- a. Can scientific laws be changed by a vote?

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- b. Can the speed of light be legislated?

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- c. Can scientists from other countries change what physicists in the United States think?

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