



**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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