Section

## 1-1

# 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 \_\_\_\_\_
  - 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
- 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?
  - b. Can the speed of light be legislated?
  - c. Can scientists from other countries change what physicists in the United States think?

### **Holt Physics Concept Review**

Joacim Rocklöv

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