

SECTION
5-2**Kinetic and Potential Energy**

(pages 111-115)

KEY CONCEPTS

▲ The energy of motion is called kinetic energy.

▲ Potential energy is energy of position.

■ Building Vocabulary Skills: Applying Definitions

Decide whether each item below describes kinetic energy or potential energy. If the item describes kinetic energy, write KE in the space before the number. If the item describes potential energy, write PE.

- _____ 1. an airplane circling in preparation for a landing
- _____ 2. a pile of coal that will be used for fuel
- _____ 3. a flag blowing in the wind
- _____ 4. a hatbox stored on the top shelf of a closet
- _____ 5. an unlit firecracker
- _____ 6. a hammer held above a nail
- _____ 7. a marble rolling down the aisle of your science classroom
- _____ 8. a new car battery
- _____ 9. glucose stored in plants as a result of photosynthesis
- _____ 10. an ant crawling across a sandwich at a picnic
- _____ 11. a tennis racket about to crash down on a ball near the net
- _____ 12. an eyelash fluttering