Vocabulary Review (5 pts. each)

1. magnet
2. static electricity
3. series circuit
4. kinetic energy
5. generator
6. conductor
7. electromagnet
8. current electricity
9. potential energy
10. parallel circuit

Check Understanding (5 pts. each)

11. B, They attract iron.
12. J, potential
13. B, along a loop with no beginning and no end
14. F, fossil fuels
15. C, generator and motor
16. J, wire coil

CHAPTER 15 Review and Test Preparation

Vocabulary Review

Use the terms below to complete the sentences. The page numbers tell you where to look in the chapter if you need help.

static electricity p. 606	**magnet** p. 620
current electricity p. 608	**electromagnet** p. 624
series circuit p. 610	**generator** p. 626
parallel circuit p. 610	**potential energy** p. 634
conductor p. 612	**kinetic energy** p. 635

1. An object that attracts iron is a _____.
2. The charge that builds up on an object is _____.
3. A circuit that has only one path for electricity to follow is a _____.
4. The energy of motion is _____.
5. A device that produces an electric current is a _____.
6. A material that electricity can flow through easily is a _____.
7. An _____ is a temporary magnet.
8. Electricity that flows along a wire is _____.
9. The energy an object has because of its position is _____.
10. A circuit that has two or more paths that electricity can follow is a _____.

Check Understanding

Write the letter of the best choice.

11. COMPARE AND CONTRAST What is one way in which all magnets are alike?

- **A.** They stick to aluminum cans.
- **B.** They attract iron.
- **C.** They need a current to work.
- **D.** They have one or two poles.

12. MAIN IDEA AND DETAILS What kind of energy does water at the top of a dam have?



- **F.** chemical
- **G.** kinetic
- **H.** mechanical
- **J.** potential

13. How do charges move in a circuit?

- **A.** along two or more paths
- **B.** along a loop with no beginning and no end
- **C.** through an insulator
- **D.** up and down

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Portfolio Assessment

Have students select their best work from the following suggestions:

- **Investigate,** pp. 604, 618, 632, 642
- **Make Connections,** pp. 615, 629, 639, 649

See ***Assessment Guide*** pp. xx–xxiv.