

Name _____

Magnetism • Guided Reading and Study

What Is Magnetism? (pp. 654–659)

This section describes the properties of a magnet and explains how magnetic poles interact. The section also describes the shape of a magnetic field.

Use Target Reading Skills

Before you read, look at the headings and visuals to see what this section is about. Then write what you know about magnetism on the lines below. As you read, write what you learn.

What You Know
1. Magnets stick to refrigerators.
2.
3.
4.

What You Learned
1.
2.
3.
4.

Properties of Magnets (p. 655)

1. What is a magnet?

2. Circle the letter of the mineral in rocks that is magnetic.

a. magnesia

b. polaris

c. magnetite

d. lodestone

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What Is Magnetism? *(continued)*

3. The attraction or repulsion of magnetic materials is called _____.
4. Is the following sentence true or false? Magnetic rocks are known as lodestones. _____
5. What are three properties that magnets have?
 - a. _____
 - b. _____
 - c. _____

Magnetic Poles (p. 656)

6. Any magnet, no matter what its shape, has two ends, each one called a(n) _____.
7. Circle the letter of each sentence that is true about magnetic poles.
 - a. One pole of a magnet will point north.
 - b. Both the north and the south pole always point north.
 - c. Two north poles make up a pair of unlike, or opposite, poles.
 - d. The pole that points south is labeled the south pole.
8. Where is the magnetic force of a magnet strongest?

9. How are magnetic poles labeled?

