

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Types of Electric Charge

Key Question: What is an electric charge?

### BEFORE YOU READ

Explain the meaning of each of the boldfaced words and phrases in Section 9.1.

static charge:

discharged:

electrostatics law of electric charges:

induced charge separation:

### WHILE YOU READ

Stop after each paragraph on pages 274–275 to think about what you just read. In the chart below, write brief notes to summarize the main idea of the paragraph.

Paragraph	Main idea of the paragraph
1	
2	
3	
4	
5	
6	

## Types of Electric Charge (continued)

Read the information under each of the headings on pages 276–277. In the chart below, write brief notes to summarize the information under each heading.

Heading	Main idea
Atomic Structure and Electric Charge	
Positive, Negative, and Neutral Objects	
The Electrostatic Series	
Attraction of Neutral Objects to Charged Objects	

### AFTER YOU READ

Compare your definitions and charts with those of another student. Identify what is the same and what is different in your definitions and charts.