

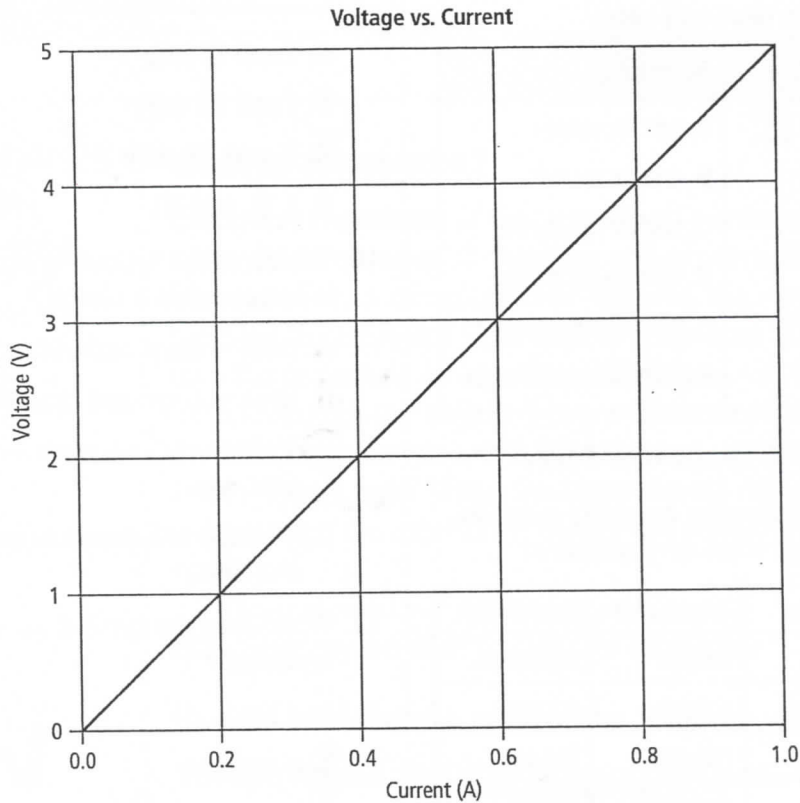
Name \_\_\_\_\_

Date \_\_\_\_\_

Use with textbook pages 290-297.

## Relationship between current, voltage, and resistance

Use the graph below to answer the questions that follow.



1. (a) What happens to the voltage as the current increases?

the voltage increases as the current increases ✓

- (b) What does this suggest about the relationship between voltage and current?

they increase/decrease together  
linear relationship.

2. According to the graph, what happens to the voltage when the current is doubled?

The voltage is also doubled ✓