

# THE TRAVELS OF ELECTRICITY

## STUDENT WORKSHEET

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

- 1 You can move faster than electricity can. (True or False)

Circle three objects from the list below that conduct electricity:

an aluminum ladder	a metal bench
lineman's rubber gloves	a fiberglass ladder
a copper wire	a glass insulator

What these objects have in common is that they are made of?

\_\_\_\_\_

- 2 Insulators are important for safety around electricity because

\_\_\_\_\_

- 3 Plugging too many things into an outlet can overload it and cause

\_\_\_\_\_

- 4 Guess whether the power lines to your building are overhead or underground. Now look outside. Were you right?

- 5 Use the following three items—a D battery, a light bulb, and two pieces of wire— to draw a complete electric circuit that will allow the bulb to light up.