

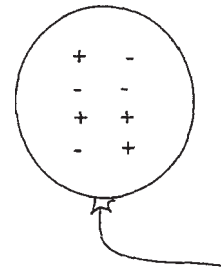
## STATIC ELECTRICITY INFORMATION SHEET

### Did you know?

Most objects have an equal amount of positive (+) and negative (-) electrical charges. If one object has an extra (-) charge it will stick to the (+) charge of another object. This is called static electricity. Have you ever rubbed a balloon on your sweater and then stuck the balloon to the wall? When the wool of your sweater is rubbed against the balloon, friction causes negative charges to jump onto the balloon. The extra negative charges on the balloon do not move. They are static or still. The extra negative charges are attracted to the positive charges on the wall. This attraction makes the balloon stick to the wall.

### For Example:

- \_\_\_\_\_ How many (+) charges are on the balloon?
- \_\_\_\_\_ How many (-) charges are on the balloon?
- \_\_\_\_\_ Do the (+) charges equal the (-) charges?
- \_\_\_\_\_ Will the balloon stick to the wall?



### For Example:

- \_\_\_\_\_ Put a (-) charge into each empty box on the balloon.
- \_\_\_\_\_ How many (+) charges are on the balloon?
- \_\_\_\_\_ How many (-) charges are on the balloon?
- \_\_\_\_\_ Do the (+) charges equal the (-) charges?
- \_\_\_\_\_ Will the balloon stick to the wall?

