

Name: _____ Date: _____

Take Charge! Homework Worksheet Answers

When you walk across a carpet, electrons rub off the carpet onto your shoes. When this happens, which becomes negatively charged: the carpet or your shoes?

shoes

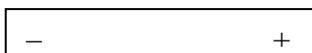
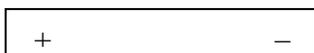
If pairs of objects are held near each other, as shown below, do they attract or repel each other?



repel



attract



repel

Describe an example of static electricity.

Clothes sticking together when removed from the dryer, lightning, the shock you feel when you touch an object after walking across the carpet, etc.

What is the positively-charged particle in an atom called?

proton

Make a drawing of what happens to the charges on a wall when you touch a negatively-charged balloon to it.

