



Name: _____

Static Electricity Lab

Lab 1: Positive and Negative Charges

1. Tie two balloons to a piece of string and then rub both balloons with a piece of wool.
2. Observe what happens and then draw the charges.
3. Do the same thing with the second set of balloons, except this time, rub only one of the balloons with a piece of wool.
4. Draw your observation and the charges.

1st set of balloons	Balloon Charges	2nd set of Balloons	Balloon Charges

Lab 2: Uncharged Balloon (balloon that has not been rubbed with wool)

1. Place small pieces of each of the materials on four separate paper plates.
2. Hold an uncharged balloon over each plate and write or draw your observations.

Salt	Pepper	Styrofoam	Paper

Lab 3: Charged Balloon (balloon that has been rubbed with wool)

1. Place small pieces of each of the materials on four separate paper plates.
2. Hold a charged balloon over each plate and write or draw your observations.

Salt	Pepper	Styrofoam	Paper

Conclusions:

Choose one of the labs and explain your observations about static electricity. Make sure to include information about positive and negative charges, conductors and insulators, and charges that attract or repel.

Lab Number: _____
