Name: _____

Class Period: _____

Physics: Electrostatics
Methods of Charging & Calculating Charge Homework

Conceptual Questions

1. What is elementary charge?

2. Explain the difference(s) between charging by contact and charging by polarization.

3. Copper and Silver can be charged by induction, but plastic cannot. Why?

Mathematical Questions

4. How many electrons are needed to make up a charge of -36 μC?

5. An object is made up of 6.75×10^{13} protons and 8.25×10^{13} electrons. What is the net or total charge of this object?