Advance Reading Questions: Electroscope Lab

1. Glass and silk are rubbed together, producing a net positive charge on one object and a net negative charge on the other. Where is the excess positive charge?

2. Given a rod and a piece of cloth of unknown material, how would you determine the sign of the excess charge left on the rod when the two are rubbed together? The answer to this question should also involve a glass rod, a piece of silk, and an (initially uncharged) electroscope.

3. What is the difference between induction and conduction?