SNC 1D Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**BILL NYE: Static Electricity**

**Watch the attached video by Bill Nye and answer the following**

**[Video LINK](https://youtu.be/XFMUjf1e_W0)**

1. What is static electricity?

2. Law of charges: unlike (opposite) charges \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

like charges \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is a spark?
2. Static electricity on TV / radio is caused by…
3. What does “ground” mean?
4. What does a ground wire do?
5. Why is it easier to get a shock on a cold, dry day, than a hot, humid day?
6. What is amber?
7. The Greek word for amber is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What is the function of a lighning rod?