**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_**

**Electric Charge and Forces**

**Directions:** *Fill in the blank*

**1.** If the number of positive and negative charges is equal, an

object is electrically *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*

**2.** Opposite charges *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* one another.

**3.** A material in which electrons cannot move easily is a(n)

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.

**4.** An imbalance of electric charge on an object is called a *\_\_\_\_\_\_\_\_*

charge.

**5.** When electrons are rearranged in an object by an electric field,

the object becomes charged by *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.

**Directions:** *Choose the correct answer to complete the sentence.*

**6.** Copper is an example of a good electrical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a.** conductor **b.** insulator

**7.** As two charged objects come closer together, the electric force between them

becomes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a.** stronger **b.** weaker

**8.** An object with an equal number of negative and positive charges is

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a.** charged by contact **b.** electrically neutral

**9.** Lightning is an example of an electric \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a.** field **b.** discharge

**10.** If an atom loses an electron, its electric charge becomes

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a.** negative **b.** positive