

## I. Important Circuit Terms

A) Current (I) - \_\_\_\_\_

$$q = \underline{\hspace{2cm}}$$

$$t = \underline{\hspace{2cm}}$$

**Ex) If 10. coulombs of charge are transferred through an electric circuit in 5.0 seconds, then the current in the circuit is**

$$1 \text{ Coulomb} = \underline{\hspace{2cm}}$$

**(A bundle of Electrons)**

**Ex) A wire carries a current of 2.0 amperes. How many electrons pass a given point in this wire in 1.0 sec?**