

Chapter 22.1 Notes



Draw the arrangement of a wire, bulb and battery that will “light” the bulb

Define the 3 things you need to light the bulb:

Role of Battery or voltage source ?

Electric Current (Definitions, units, etc)

Electric Resistance (Definitions, units, etc)

Ohm’s Law (3 ways to write it; example problem)

Electric shock?

Electric Power (Definitions, units, etc)

1. current in a 60-watt bulb plugged into a 120-volt outlet.
2. current in a 120-watt bulb plugged into a 120-volt outlet.
3. power of a saw that draws 12 amps of current when plugged into a 120-volt outlet.
4. power of a toaster that draws 6 amps of current when plugged into a 120-volt outlet.
5. current in a 1000-watt microwave when plugged into a 120-volt outlet.