

Electrical Power, Energy and Kirchoff's Rules
Notes/Practice problems**Directions:** Complete the following according to the lecture**Electrical Power**

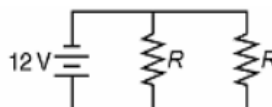
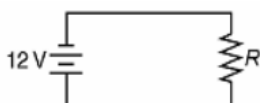
Power is the _____ Equation

Power Example

A potential drop of 50 volts is measured across a $250\ \Omega$ resistor. What is the power developed in the resistor?

**Power Example #2**

Which circuit uses the greatest power?

**Electrical Energy**

The amount of electrical energy _____ Equation:

Energy Example

An Electrical heater draws a current of 8 amps and has a resistance of $15\ \Omega$. How much energy does the heater use in 1 minute?

**Kirchoff's Junction Rules****Junction Practice Problem**

