Name \_\_\_\_\_

Parallel circuit:

- •
- •

Parallel circuit:

• Current

Equation:

• Voltage

Equation:

• Equivalent Resistance

Equation:

Examples - What is the equivalent resistance of: two 10  $\Omega$  resistors in parallel?

two 8  $\Omega$  resistors in parallel?

three 9  $\Omega$  resistors in parallel?

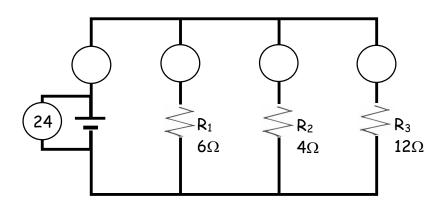
a 60  $\Omega,$  a 30  $\Omega,$  and a 20  $\Omega$  resistor connected in parallel?

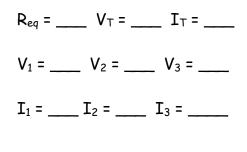
Problem Set #1: (1-3) (Work on back.)

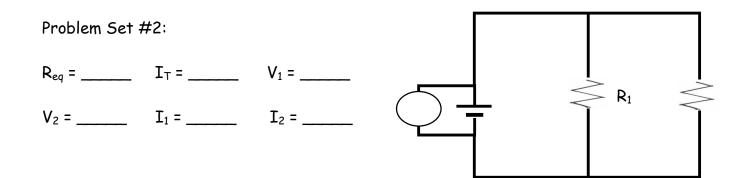
circuit diagram:

Name \_\_\_\_\_

Example:







Problem Set #3:

