## Circuit Worksheet I

For each of the following circuits, find the total voltage, current, and resistance, as well as the voltage across each resistor, and the current through each resistor.
1.

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |

2. 

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |

3. 

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |


$I_{3}$

$I_{3}$
4.

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |


5.

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |


6.

|  | V | I | R | P |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| totals |  |  |  |  |



