

Analyzing a circuit means finding the current through, and the potential difference across, each resistor. To do this we'll go down the left side of the page and come back up the right side.

1. Record the resistance values of the resistors.	8. Label each resistor at left with its current and voltage.
2. Combine two resistors together, re-draw with three resistors.	7. Label each resistor at left with its current and voltage.
3. Combine two more together, and re-draw with two resistors.	6. Label each resistor at left with its current and voltage.
4. Combine the last two, and re-draw with the one equivalent resistor.	5. Determine the total current in the circuit.