**IB Physics**

**FA 19.3 - Kirchhoff's Laws**

Name

Favorite Punchline

**Round your answers to three sig figs (retain five), and show your work.**

5 Ω

3 Ω

35.0 V

8 Ω

13.0 V

13 Ω

9 Ω

4 Ω

7 Ω

Find the current and direction (up or down) through:

8 Ω

13 Ω

9 Ω

Find the voltage across:

4 Ω

5 Ω

Find power dissipated by:

3 Ω

7 Ω

Find:

|V1| =