Measure DC voltages

Alice voltmeter

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Intro to ECSE
Build Circuit on Protoboard

- +5V voltage source from M1K
- CHA and CHB
  - Voltage measurements with respect to GND
  - Dual channel voltmeter (CA-V and CB-V)
- GND connection to M1K
Experimentally determine voltage drop across each resistor

- Voltage across R1
  - $5V - CAV$

- Voltage across R2
  - $CAV - CBV$

- Voltage across R3
  - $CBV - GND = CBV$

- Using these voltage measurements we can determine the currents through each resistor. (all should be same)