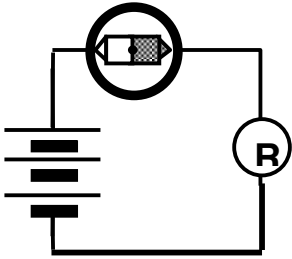
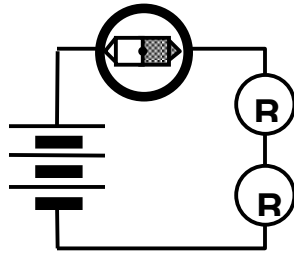


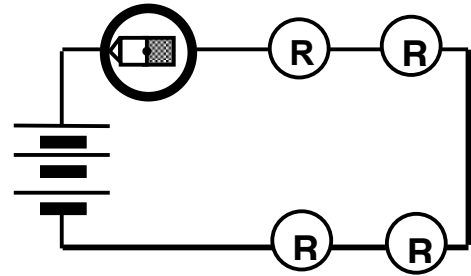
## Unit 11 - Activity 8



Circuit A



Circuit B



Circuit C

### Prediction(s)

How will the compass deflection for Circuit A compare to the deflection for Circuit B? To the deflection for Circuit C? Explain your reasoning.

How does the number of bulbs in a single loop affect the overall resistance of the circuit?

### Observation(s)

Circuit	compass deflection	bulb brightness
A		
B		
C		

How will the brightness of the bulbs in Circuit A compare to the brightness in Circuit B? To the brightness in Circuit C? Explain your reasoning.

Based on the measurements of compass deflection and observations of bulb brightness, what can you infer about the flow rate in each circuit?

Conclusion:

Consensus:

New Terms: