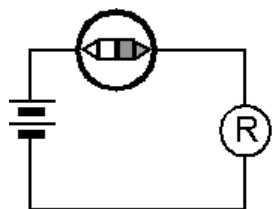
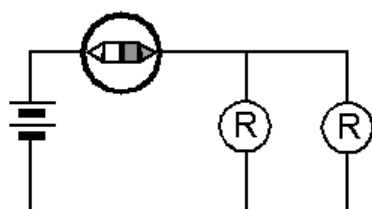


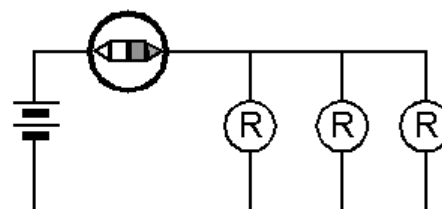
## Unit 11 - Activity 9



Circuit A



Circuit B



Circuit C

### Predictions

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 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.

How does the number of bulbs along side affect the overall resistance of the circuit?

### Observations

Circuit	compass deflection	bulb brightness
A		
B		
C		

Based on the compass deflection, what can you infer about the flow rate through the battery of each circuit?

Based bulb brightness, what can we infer about the flow rate through each bulb?

Conclusion:

Consensus:

New Terms: