Trial #1 (with 1 battery)

	I (a)	V (v)
R_1		
R_2		

Use Ohm's Law to calculate the resistance of each resistor:

R_1 = _____ R_2 = _____

Trial #2 (with 2 batteries)

	I (a)	V (v)
R_1		
R_2		

R_1 = _____ R_2 = _____

Conclusions:

1. When voltage increased in trial #2, current (increased, decreased, stayed the same).
2. Within bounds of experimental error, in trial #2, the resistance of each resistor (increased, decreased, stayed the same).