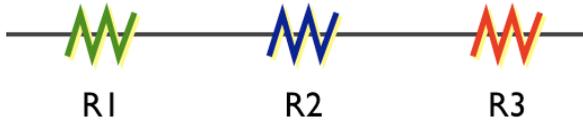
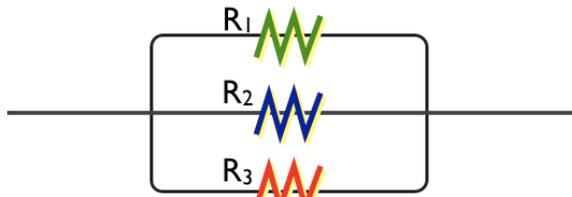


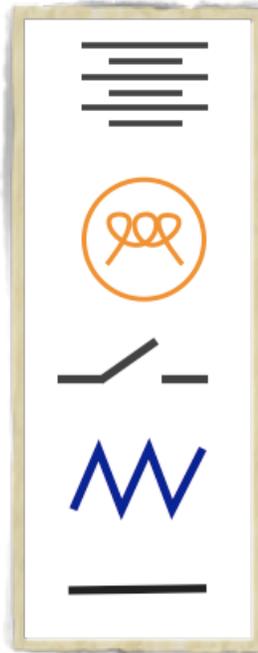
V = IR P = IV P = V²/R P = I²R



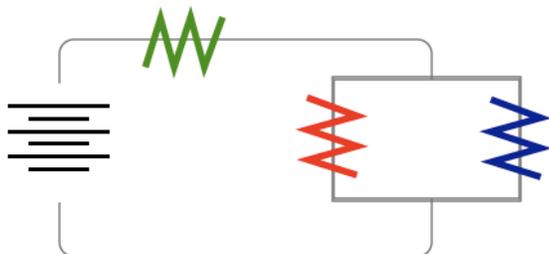
Voltage: $V_T = V_1 + V_2 + V_3$
 Current: $I_T = I_1 = I_2 = I_3$
 Resistance: $R_T = R_1 + R_2 + R_3$



Voltage: $V_T = V_1 = V_2 = V_3$
 Current: $I_T = I_1 + I_2 + I_3$
 Resistance: $1/R_T = 1/R_1 + 1/R_2 + 1/R_3$



	Black	
	Brown	
	Red	
	Orange	
	Yellow	
	Green	
	Blue	
	Violet	
	Gray	
	White	

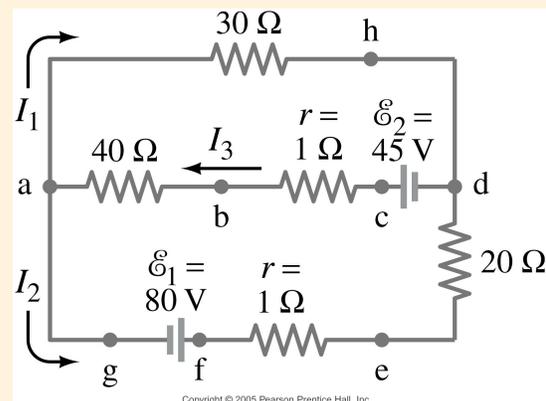


	V (V)	I (A)	R (Ω)	P (W)
R ₁				
R ₂				
R ₃				
TOTAL				

Honors Addition

Point rule: The sum of currents entering a point equals the sum of the currents leaving it.

Loop rule: The sum of the changes in potential around a closed loop is zero.



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