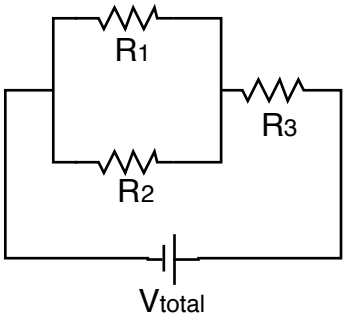
Compound Circuits

Fill in the missing information for each of the given circuits

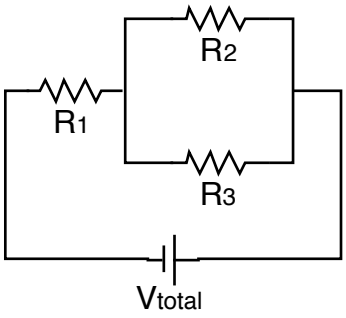
Circuit 1

	R	*I*	*V*	
R_1	2 Ω	1 A		V_t =
R_2				I_t =
R_3	2 Ω	3 A		R_t =



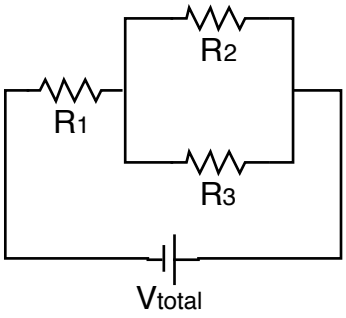
Circuit 2

	R	*I*	*V*	
R_1	4 Ω			V_t = 12 V
R_2			4 V	I_t =
R_3	4 Ω			R_t =



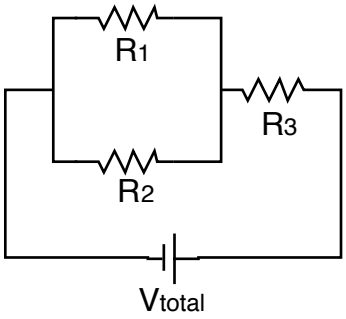
Circuit 3

	R	*I*	*V*	
R_1	3 Ω			V_t = 12 V
R_2	6 Ω			I_t =
R_3	6 Ω			R_t =



Circuit 4

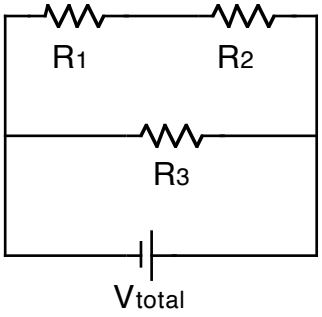
	R	*I*	*V*	
R_1	4 Ω			V_t =
R_2			8 V	I_t = 3 A
R_3			4 V	R_t =



Compound Circuits

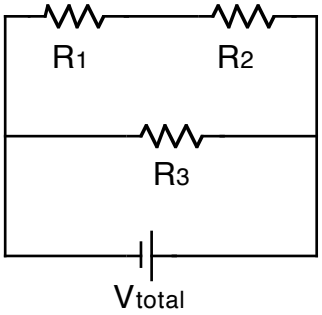
Circuit 5

	R	*I*	*V*	
R_1	1 Ω			V_t = 6 V
R_2				I_t = 3 A
R_3	6 Ω			R_t =



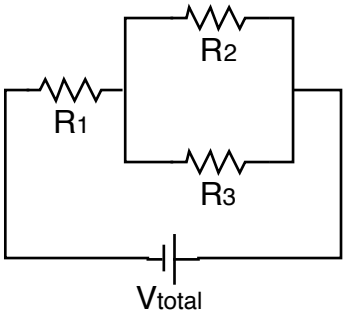
Circuit 6

	R	*I*	*V*	
R_1	2 Ω	2 A		V_t =
R_2	4 Ω			I_t =
R_3		4 A		R_t =



Circuit 7

	R	*I*	*V*	
R_1	6 Ω			V_t = 6 V
R_2		1/6 A		I_t = 2/3 A
R_3				R_t =



Circuit 8

	R	*I*	*V*	
R_1				V_t = 3 V
R_2		1/12 A		I_t = 1/3 A
R_3	6 Ω			R_t =