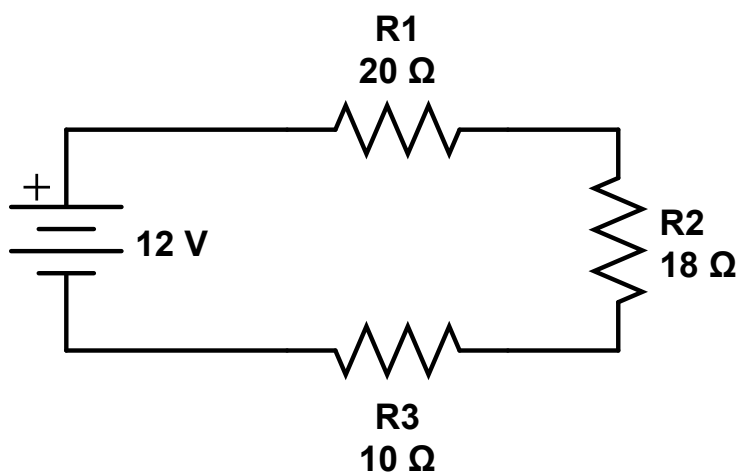
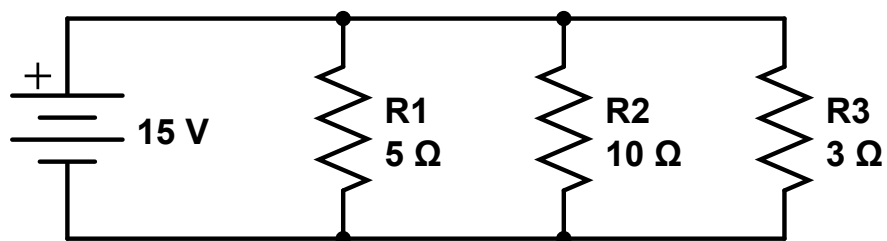


Number 1 (if an answer goes on forever, round to 2 decimal places)



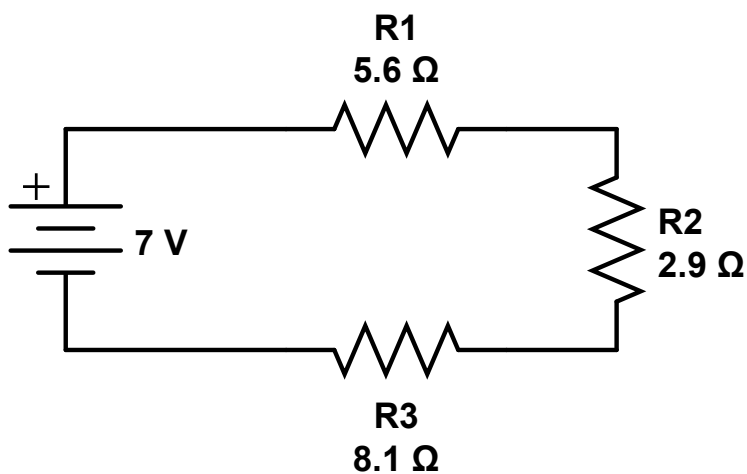
	R1	R2	R3	Total
Voltage				
Current				
Resistance				
Power				

Number 2



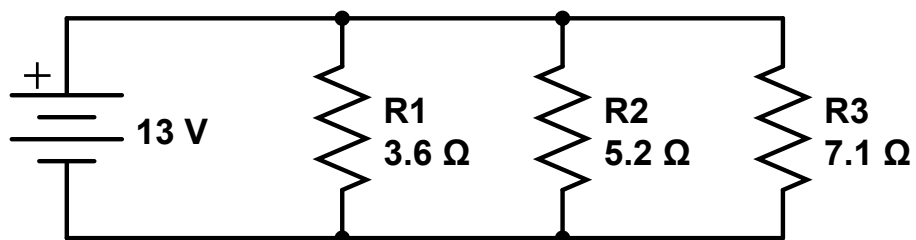
	R1	R2	R3	Total
Voltage				
Current				
Resistance				
Power				

Number 3



	R1	R2	R3	Total
Voltage				
Current				
Resistance				
Power				

Number 4



	R1	R2	R3	Total
Voltage				
Current				
Resistance				
Power				

Answers:

Number 1: Series

	R1	R2	R3	Total
Power	1.25	1.125	.625	3

Number 2: Parallel

	R1	R2	R3	Total
Resistance	5	10	3	1.58
Power	45	22.5	75	142.5

Number 3: Series

	R1	R2	R3	Total
Power	0.987	0.512	1.43	2.94

Number 4: Parallel

	R1	R2	R3	Total
Resistance	3.6	5.2	7.1	1.64
Power	46.93	32.5	23.79	103.22

Extended Answers:

Number 1: Series

	R1	R2	R3	Total
Voltage	5	4.5	2.5	12
Current	0.25	0.25	0.25	0.25
Resistance	20	18	10	48
Power	1.25	1.125	.625	3

Number 2: Parallel

	R1	R2	R3	Total
Voltage	15	15	15	15
Current	3	1.5	5	9.5
Resistance	5	10	3	1.58
Power	45	22.5	75	142.5

Number 3: Series

	R1	R2	R3	Total
Voltage	2.35	1.22	3.40	7
Current	0.42	0.42	0.42	0.42
Resistance	5.6	2.9	8.1	16.6
Power	0.987	0.512	1.43	2.94

Number 4: Parallel

	R1	R2	R3	Total
Voltage	13	13	13	13
Current	3.61	2.5	1.83	7.94
Resistance	3.6	5.2	7.1	1.64
Power	46.93	32.5	23.79	103.22