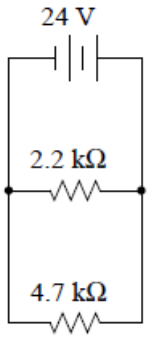
Name: _____ Block: _____

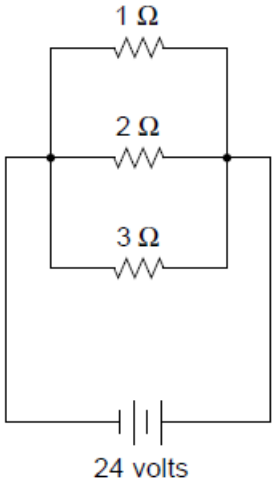
Parallel DC Circuits

1. Fill in the table for the following circuit. (Note that you can use $V = IR$ directly with current in mA, resistance in kΩ and power in mW.)



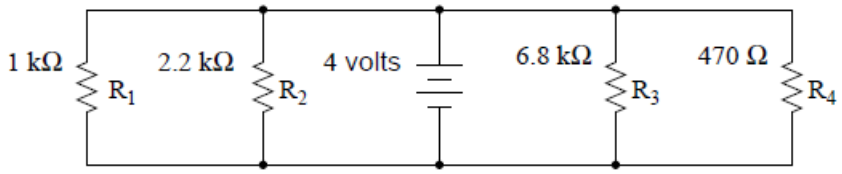
	R1	R2	Total
Voltage (V)		=	= 24
Current (mA)		+	=
Resistance (kΩ)	1/ 2.2	+ 1/ 4.7	= 1/
Power (mW)		+	=

2. Fill in the table for the following circuit:



	R1	R2	R3	Total
Voltage (V)				24
Current (A)				
Resistance (Ω)	1	2	3	
Power (W)				

3. Fill in the table for the following circuit.



	R1	R2	R3	R4	Total
Voltage (V)					4
Current (mA)					
Resistance (kΩ)	1	2.2	6.8	0.47	
Power (mW)					