	Na	me
Healtl lessor		w Please complete this while watching the Ohm's law
1.	Write down and memorize Ohm's I	aw:
2.	Sketch the symbol for a battery:	
3.	Sketch the battery again and conne	ct it to three resistors in parallel with each other.
4.	parallel with each other having value	des a 12 volt battery connected to three resistors in les of 2 ohms, 3 ohms and 2 ohms. Connect the three stor in series with the parallel resistors, add a switch to the battery. Label the current.
5.	Write down and memorize the frac parallel with one another.	tion rule that is used to add resistors that are in
6.		he total resistance of a 2 ohm, 3 ohm and 2 ohm including determining the common denominator.
7.	What is the decimal equivalent of 6	/8 ?
8.	-	l resistors is 0.75 ohms. That group of parallel n resistor. What is the total resistance in the circuit?

Show your work.

9. Use Ohm's law to determine the current in the main body of the circuit
10. Determine the voltage drop across the 2.25 ohm resistor.
11. Determine the voltage drop across the 0.75 ohm group of parallel resistors.
12. Write down and memorize the definition of electrical current:
13. Write down and memorize the equation that allows us to calculate the power required by an electrical circuit
14. How much power in watts, is required for a circuit that has 3 amps of current and a 12 volt power supply?