Electrifying Your Tiny House						
Each group should have:						
a. 9V battery						
b. 9V battery clip						
c. 4 colored LEDs						
d. 2 resistors						
e. wires						
f. solderless breadboard						
Part 1						
Draw on a sheet of graph paper a parallel circuit with all the interior lights your group plans to have. Each person needs to have their own, but you need to work together to come up with the						
design.						
Ms. Regina's Initials						
How many lights will you have in your design How many resistors will you need in your design How many batteries will your tiny house model need						
Part 2						
Once you are approved by Ms. Regina for your design build your parallel circuit (out of the material in your box).						
Ms. Regina's Initials						
Do all the lights turn on?						
Measure the voltage						
Measure the current						

Name:_____

Part 3 Make a parallel circuit with 2 light bulb and 1 resistor. Once you make me over to initial	the light bulbs light up call
	Regina's Initials
Draw what you discovered.	<u></u>
Part 4 Make a parallel circuit with 2 light bulb and 2 resistor. Once you make	the light bulbs light up call
me over to initial	
Ms. F	Regina's Initials
Draw what you discovered.	
Part 5 Now experiment and try to have four LED light up. Make sure to use	a resistor with the light.
Did you make a series or parallel circuit? (circle one) Ms. F	Regina's Initials
Draw what you discovered.	