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riod:	Dictricity und	Triaghed shi Keview
<ol> <li>Voltage</li> <li>Resistance</li> <li>Power</li> <li>Charge</li> <li>Current</li> </ol>	A. 8 amps B. 8 volts C. 8 coulombs D. 8 watts E. 8 ohms	<ol> <li>Current</li> <li>Voltage</li> <li>Resistance</li> <li>Insulator</li> <li>Conductor</li> <li>A path for electricity to flow.</li> <li>A material that allows electricity to flow.</li> <li>A material that resists electricity.</li> <li>Slows down electricity in a circuit.</li> </ol>
What moves: electrons or protons? Why?  An object has a charge of -8 C. A) Is the object positive or negative? B) Did it gain or lose electrons? C) If you touch it to ground, will it lose electrons to ground or gain electrons from ground? D) What will its charge be after it is grounded?		E. What pushes electricity in a circuit.  E. What pushes electricity in a circuit.  F. The flow of electrons thru wires.  A allows electricity or heat to pass through i  Electricity flows through paths called A  circuit has no breaks in it, while an
		circuit has a break and stops the flow of electricity.  An will not allow electricity to pass.  Electricity is made up of flowing
What are the charges of the second objects?  Attract  Repel  What is electricity?		Like electric charges attract/repel. Opposite charges attract/repel.  Draw a circuit of two batteries, a light bulb, a resistor, and a switch, all in series.
Will electrons flow between the two objects?  A. (-3C) (-3C) B. (5C) (0C) (-2C) (-6C)  Why does electricity move?		You have two light bulbs and a battery in a circuit. If you add another battery, do the light bulbs get brighter or dimmer? Why?
What is arcing? When and why does arcing occur?		You have two light bulbs and a battery in a circuit. If you add another light bulb, do the light bulbs get brighter or dimmer? Why?
If a 12 v battery is connected to a 24 $\Omega$ resistor, how much current is flowing?		Increases (I) Or Decreases (D)  Increasing resistance current Decreases (D)  Increasing voltage current Decreasing voltage current
How much voltag light bulb?	e is needed to produce 2 amps through a 4 o	How can you tell if two light bulbs are in parallel?  How can you tell if two light bulbs are in series?
If a light bulb in your house (120 V) draws 0.5 amps, how much power does it use?		Is your house wired in series or in parallel? Why?

What is the change of voltage across a wire?  Why can a bird sit on a wire and not be electrocuted?	What happens when you short circuit one light bulb in a two light bulb circuit?  What happens if you short circuit a battery?
Fill in the missing information on the following graphics. $2\Omega$ $5A > 3A$ $6V$	Where do most of the electrons come from that run thru a circuit?
$I_{T} = \underbrace{\begin{array}{c} & & & & & \\ & & & & \\ & & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$	Series 6V or parallel? 6V $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$
N The three magnets are repelling S The two magnets are	$V_{atF} = $
each other. Fill in the missing information.	Someone asks you how what a circuit is and how it works. Tell them.
What will a magnet attract?	
What will a magnet repel?	A house is wired with this type of circuit? Explain why.
What does moving electricity cause?	1
What do moving magnets cause?	What is a motor?
What is an electromagnet?	How does it work?
How do you strengthen an electromagnet?	What is a generator?
	How does it work?