	5 of 6	points
/	K- What is current? *	1/1
0	the number of electrons moving through a given area.	
	the rate at which electrons move through a given area.	1
_	resistance divided by potential difference.	
	the money that a country uses.	
	power times potential difference.	
	portal simul potential direction.	
<b>~</b>	K- in the picture to the right, electrons are flowing through the coil from point A to point B. Which way does the magnetic field flow inside the conductor?	*1/1
	B A	
0	Down - bottom of the page.	
0	To the right on page	
0	Out of the page.	
0	into the page.	
0	Up - top of the page.	/
0	To the left on page	
· 0	K - What is the energy transferred if 255 V moves a charge of 1.55 C? * 6.08x10^3 J	1/1
0	166 J	
0	257 J	
_	395 J	1
	Not enough information.	
/	K - What is resistance? *	1/1
0	Measured in series in a circuit	
0	The current divided by the voltage.	
0	Larger when the conductor is longer	/
0	Futile as stated by Locutus	
0	Independent of the material	
×	K - An electromagnet consisting of 100, coils of wire, with a current of 1.0A produces a magnetic field of 200. Tesla. The same electromagnet	*0/1
	will have a decrease in its magnetic field if it were altered to include	
0	200 coils	
	lower resistance of the wire	
	increase resistance of the wire	
0	2.0A	
0	a ferrous metal core	×
0	-	-
~	K - Which of the following correctly describes what happens when several resistors are connected in series?	*1/1
0	Electric charge increases.	
0	The resistance of each resistor changes as the voltage changes.	
0	The inverse of the sum of the resistances is equal to the sum of the inverses of	
0	each resistor.  The potential difference across each resistor equals the total potential different	
_		oe.
⊚	The current across each resistor equals the total current.	~











