Name		Date			Period	
		That's	Shocking!	Quiz		
Formulas						
	I=V/R Power= current x voltage					
Word Bank fuses metals	metalloids increases	decreases nonmetals	circuit breaker alternating	stays the same	lower one	two direct
T or F I. The	e shorter a wire i	s the greater its r	esistance.			
	thas a current of ald the current be		add another battery	to the circuit, which	ch doubles t	he voltage,
3. As a wire	cools down, its r	esistance		·		
4. The electr curre	-	re using when yo	u plug your phone	in to recharge it is	a(n)	
5. If the curr	ent coming out o	f the outlet has a	frequency of 60 he	ertz, what does that	mean?	
6. As you ad	d more light bulb	os to a series circ	uit, what happens t	he amount of resist	cance in the	whole circuit?
	says that changings. Who is right	_	resistance does no	t affect the power of	of circuit. K	u Less says
8		_ are better than _		because they	can be used	over and over
9-11. Semico	onductors are ma	de out of		and are unique be	cause they c	onduct curren
in		direction and ha	ve a lower resistan	ce at	temp	eratures.
T or F 12. No	onmetals have a	higher resistance	than metals.			
T or F 13. Re	esistors are objec	ts that decrease t	he amount of elect	ricity that passes th	rough them	