## **Multiple Formulas Notes**

Energy 1	Energy 2

1.	What is the pow	ver of an appliance it	it w	orks on 2.5 A and	has a 5	Ω resistor?
2.	What is the resis	stance of a resistor i	f it us	ses 220 V and 300	) W of p	oower?
3.	What is the resis	stance of a resistor i 4 A?	f a ci	rcuit is on for 20	minutes	, used 20 000 J of
4.	What is the resis	stance of a resistor i	f a ci	rcuit is on for 2 h	ours, us	ed 50 000 J of energy
5.	What is the pow	er of an appliance it	it w	orks on 5 A and h	as a 3.5	Ω resistor?
6.		20 V. This element		•		erence (voltage) across h electrical energy was
A)	<del>-</del>	) 259 200 J	C) 1	440 000 J	D) 15	552 000 J