

4. The table beside circuit (a) below shows the current through each resistor, the voltage across each resistor, and the power dissipated as heat in each resistor. Find the similar correct values for circuits (b), (c), and (d), and put your answers in the tables shown.



RESISTANCE	CURRENT	VOLTAGE :	POWER
2Ω	2 A	4 V	8 W
4 <u>n</u>	2 A	8 V	16 W
6Ω	2 A	12 V	24 W



RESISTANCE	CURRENT	VOLTAGE	POWER
1Ω			
2 L			





RESISTANCE	CURRENT	× VOLTAGE =	POWER
6.Ω.			
3 Ω			

RESISTANCE	CURRENT	× VOLTAGE	POWER
2Ω			
2Ω			
11			

CONCEPTUAL PHYSICS