

University Physics II

Answer Sheet – Homework Set 6

Questions beginning with ** do not have answers on this sheet.

NOTE: It is possible your value for current could be off by a minus sign if you drew your currents in a different direction than I did, but the magnitudes should still be equal.

1.38 A	4 W	6 W
2 A	-0.462 A	6 V
$(7/3)R$	3 A	3 V
5.68 V	-15.7 W	6.78 W
0.2272 A	7.49 Ω	0.54 W
11.67 Ω	1 A	
1 A	0.36 W	
4 A	0.846 A	
-1 A	0.714 A	
200 V	0.26 W	
0.492 A	1.8 V	
2 A	12.58 V	
3 A	1.29 A	
14.2 W	1.33 W	
6.53 W	0.6 W	
15 Ω	0.639 A	
6 V	1.5 W	
28.4 W	0.909 A	
4.13 V	0.148 A	
1.308 A	1.85 W	
1.8 V	0.5 A	
1 A	1.2 V	
0.5 A	0.2 A	
1.82 V	0.3 A	
8 A	6 W	