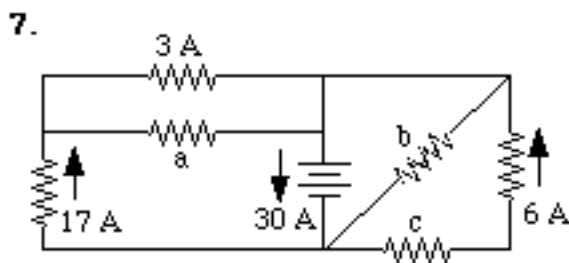
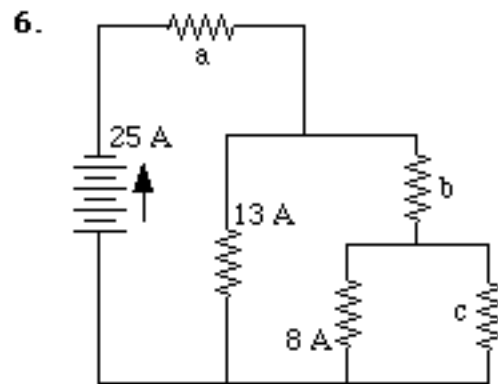
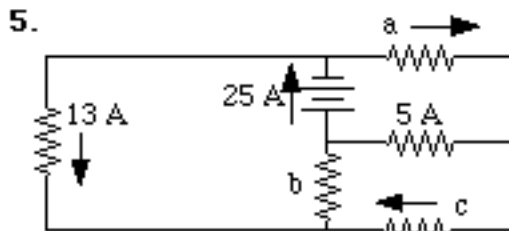
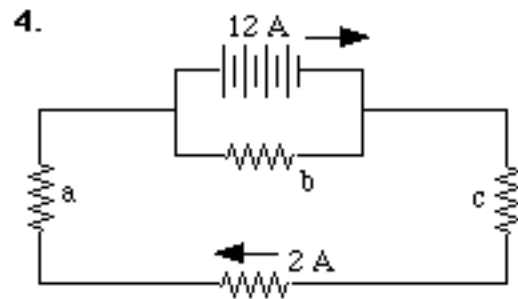
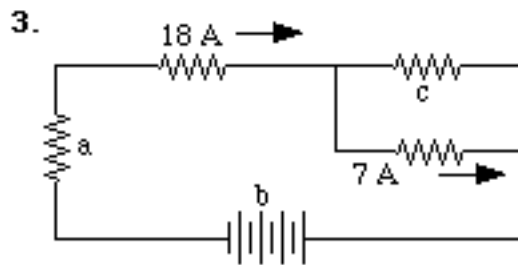
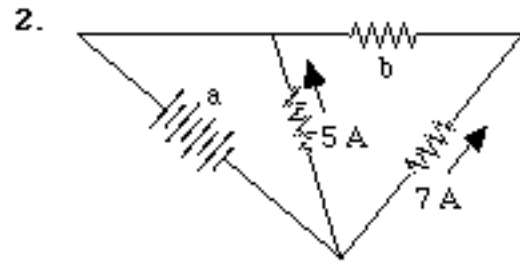
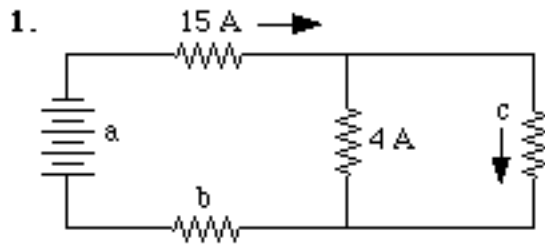


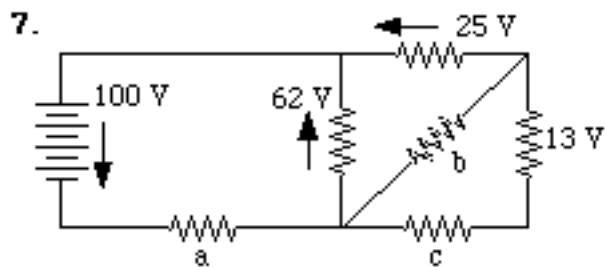
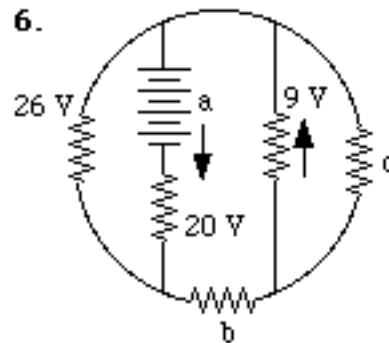
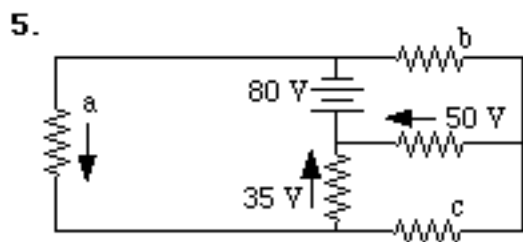
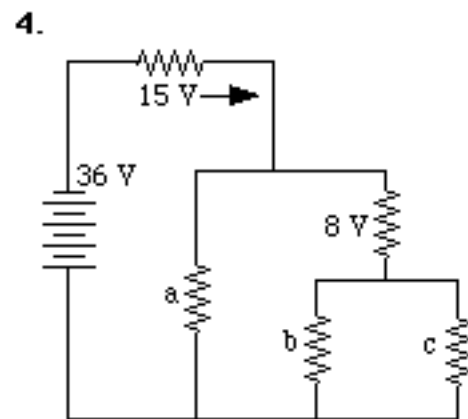
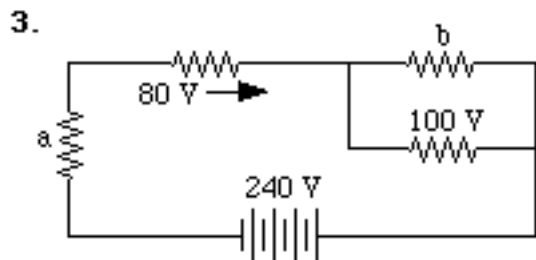
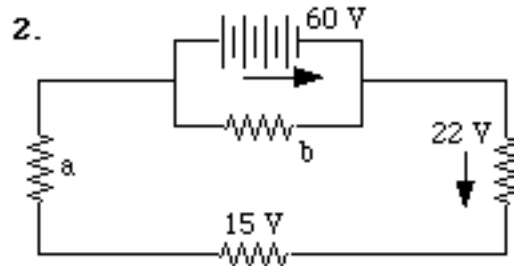
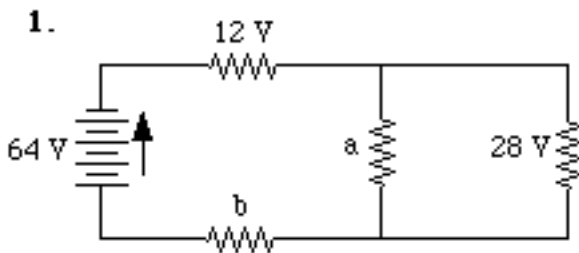
# PHYSICS 12 CIRCUITRY WORKSHEET 1

A. Determine the unknown currents as indicated in each of the following circuits.



1. a) 15 A b) 15 A c) 11 A    2. a) 12 A b) 7 A    3. a) 18 A b) 18 A c) 11 A    4. a) 2 A b) 10 A c) 2 A  
 5. a) 12 A b) 20 A c) 7 A    6. a) 25 A b) 12 A c) 4 A    7. a) 14 A b) 7 A c) 6 A

B. Determine the unknown voltages as indicated in each of the following circuits.



1. a) 28 V b) 24 V 2. a) 23 V b) 60 V 3. a) 60 V b) 100 V 4. a) 21 V b) 13 V c) 13 V 5. a) 45 V b) 30 V c) 15 V  
6. a) 46 V b) 17 V c) 9 V 7. a) 38 V b) 37 V c) 24 V