

HW 20 - 1, 2, 3, 5, 7, 8, 9, 10, 11

For each problem, show your work.

1. A circuit is shown below. Find the current i through the $10\ \Omega$ resistor.



2. Find the power dissipated in the $10\ \Omega$ resistor.



3. Find the power dissipated in the $10\ \Omega$ resistor.

4. Find the power dissipated in the $10\ \Omega$ resistor.

5. Find the power dissipated in the $10\ \Omega$ resistor.

6. Find the power dissipated in the $10\ \Omega$ resistor.

7. Find the power dissipated in the $10\ \Omega$ resistor.

8. Find the power dissipated in the $10\ \Omega$ resistor.