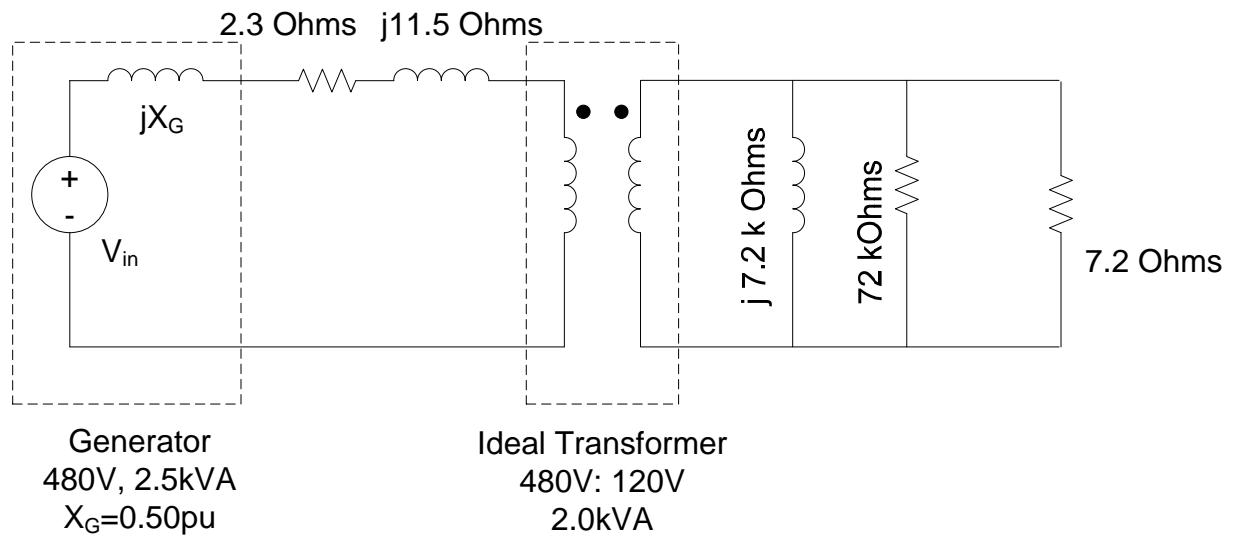


1. (6 points) For the transformer circuit shown below:
  - a. Specify the base for each region of the circuit.
  - b. Convert all the impedances to per unit on the base that you specify.
  - c. Draw the per unit circuit that your analysis creates.



There is more on the other side of this page.

2. (4 points) For the per unit circuit shown below, find the real power dissipated in the resistor.

