

MSC 1012 questions for Chapter 8 set 7

Transformers:

NAME _____

- 1) A transformer has 50 000 turns in the primary. How many turns are there in the secondary if this is a step-down transformer from 44 000 V to 220 V?

ANS _____

- 2) A transformer has 200 turns in its primary and 22 turns in its secondary. If the input voltage is 110 V, what is the output voltage?

ANS _____

- 3) Assuming conservation of power, if the output current for the transformer of question2) is 0.15 A, how much current is inputted?

ANS _____