Quiz 9.1 ENGT 3050

This quiz is multiple choice or true/false in nature. It will be available on Wednesday, April 15 from 10am - 8pm. Please read instructions regarding Academic Integrity below:
1. This test is "open book," which means you are permitted to use any materials handed out, your own notes from the course, and the text book.
2. The test must be done completely alone. Showing it or discussing it with anyone is forbidden.
3. You may not consult any external resources. This means no internet searches, materials from other classes or books or any notes you have taken in other classes etc. You may not use Google or any other search engines for any reason. You may not use any shared (OneDrive, Google Docs or others) documents.
4. You may not consult with any other person regarding the assignment. You may not check your answers with any person. You may not discuss any of the materials or concepts with any other person.
5. By turning in this assignment you vow that you followed the rules stated here.

Hi Alexander, when you submit this form, the owner will be able to see your name and email address.

1. A transformer has a turns ratio of 5, a voltage of 10VAC is connected to the primary and a resistance of 500 ohms is connected to the secondary. Determine the current measured on the primary side.
(10 Points)

○ 4 mA

○ 100 mA

○ 500 mA

◉ 20 mA

2. 500W of power is measured on the secondary side of an ideal 10:1 step-down