

ASSIGNMENT # 1

Q1. What are the absolute and relative errors of the approximation 3.14 to the value π ?

Q2. A resistor labeled as $240\ \Omega$ is actually $243.32753\ \Omega$. What are the absolute and relative errors of the labeled value?

Q3. The voltage in a high-voltage transmission line is stated to be 2.4 MV while the actual voltage may range from 2.1 MV to 2.7 MV. What is the maximum absolute and relative error of voltage?