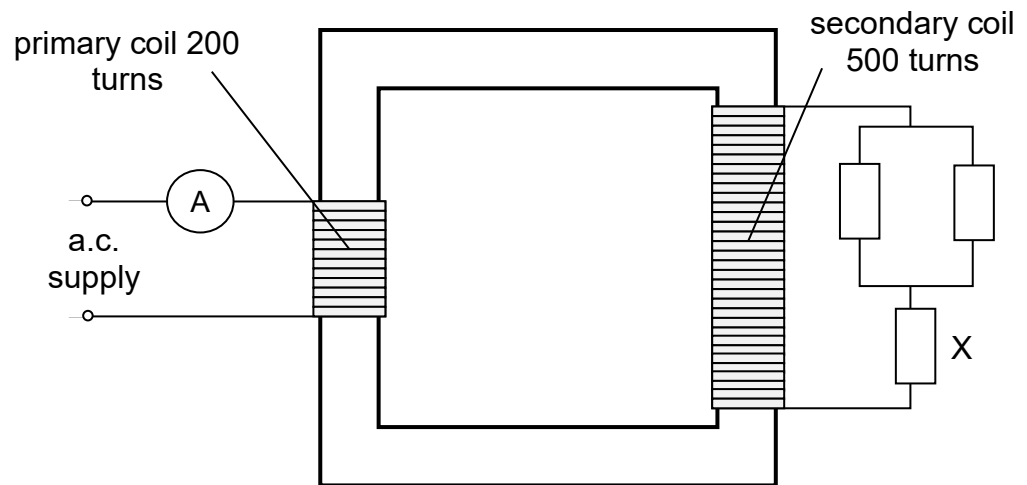


- 26** A 100% efficient transformer is connected to a sinusoidal a.c. supply as shown below. The secondary coil is connected to 3 identical resistors, each of resistance $1000\ \Omega$. The potential difference across resistor X is 80 V.



What is the reading on the ammeter?

- A** 0.080 A **B** 0.20 A **C** 0.40 A **D** 2.3 A