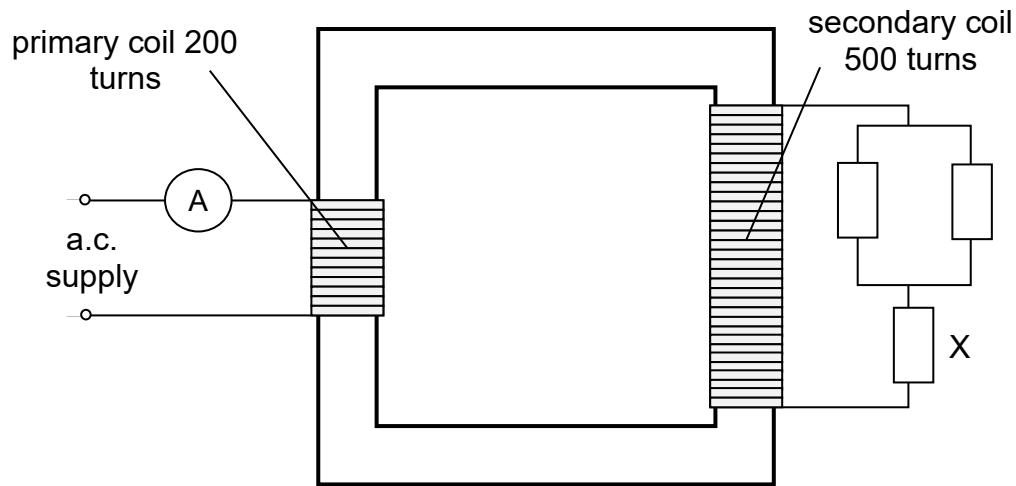


- 26** A 100% efficient transformer is connected to a sinusoidal a.c. supply as shown below. The secondary coil is connected to 3 identical resistors, each of resistance  $1000\ \Omega$ . The potential difference across resistor X is 80 V.



What is the reading on the ammeter?

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