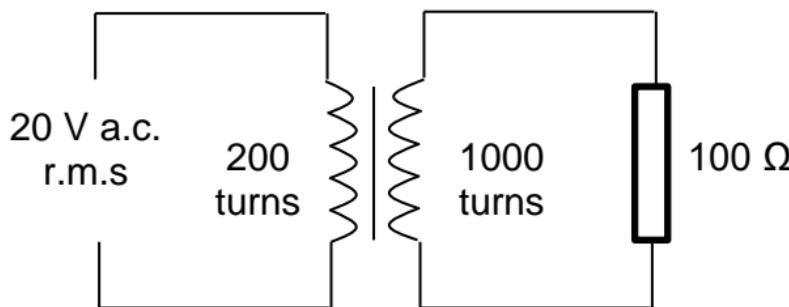


- 26 The primary coil of an ideal transformer has 200 turns and is connected to a power supply of 20 V root-mean-square. The secondary coil has 1000 turns and is connected to a resistor of resistance 100 Ω .



What is the peak primary current?

- A 1.0 A
- B 1.4 A
- C 5.0 A
- D 7.1 A

- 27 Which of the following statements is correct about the function of the diodes in the circuit?