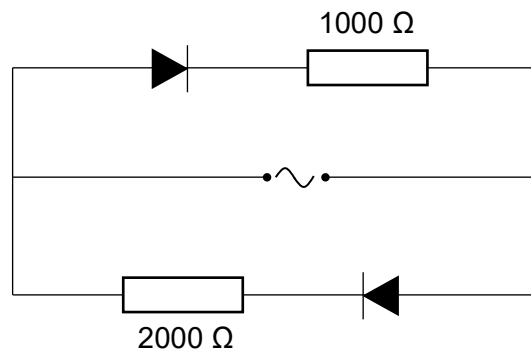


- 23** Two diodes, a $1000\ \Omega$ resistor and a $2000\ \Omega$ resistor are connected to a sinusoidal a.c. power supply with a peak voltage of 12 V as shown below.



What is the average power dissipated by the circuit?

- A** 0.036 W **B** 0.054 W **C** 0.072 W **D** 0.144 W