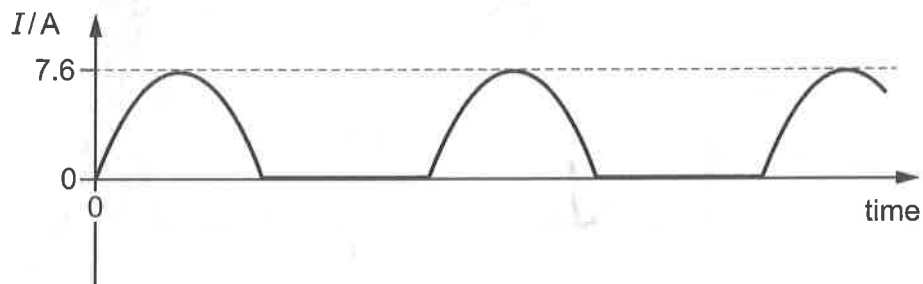


27 An alternating voltage is connected in series to a diode and a resistor of resistance $9.4\ \Omega$.

The current in the circuit varies as shown.



What is the mean power dissipated in the resistor?

- A** 34 W **B** 68 W **C** 140 W **D** 270 W

