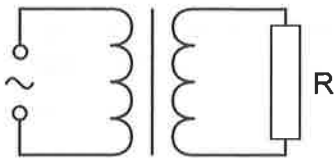


- 26** A 16 : 1 step-down transformer is connected to a load resistor R . The resistor dissipates power at a rate of 32 W when the peak alternating voltage of the supply is 180 V.



What is the value of R ?

- A** $1.0\ \Omega$ **B** $2.0\ \Omega$ **C** $4.0\ \Omega$ **D** $32\ \Omega$

- 27** Which of these is an example of the photoelectric effect?