

- 26** A transformer has 500 primary turns and 10 secondary turns. A resistor of $15\ \Omega$ is connected in the secondary coil.

If the root-mean-square voltage across the primary coil is 120 V, what is the root-mean-square current in the primary coil?

- | | |
|-------------------|-----------------|
| A 0.0032 A | B 0.16 A |
| C 2.4 A | D 8.0 A |