

- 33** Two lamps are connected in series to a 250 V power supply. One lamp is rated 240 V, 60 W and the other is rated 10 V, 2.5 W.

Which statement most accurately describes what happens?

- A** Both lamps light at less than their normal brightness.
- B** Both lamps light at their normal brightness.
- C** Only the 240 V lamp lights.
- D** The 10 V lamp blows.

- 34** Which equation is used to define resistance?