

33 A total charge of 100 C flows through a 12 W light bulb in a time of 50 s .

What is the potential difference across the bulb during this time?

A 0.12 V

B 2.0 V

C 6.0 V

D 24 V

34 Two copper wires X and Y have the same volume. Wire X is four times as long as wire Y .