

- 32 The potential difference across a metal wire is kept constant. The length l and the diameter d of the wire are both varied. The type of metal is kept the same.

How is the current in the wire related to l and d ?

- A It is directly proportional to l and inversely proportional to d .
- B It is directly proportional to l and inversely proportional to d^2 .
- C It is inversely proportional to l and directly proportional to d .
- D It is inversely proportional to l and directly proportional to d^2 .