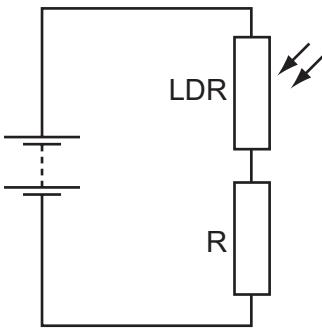


36 A light-dependent resistor (LDR) is connected in series with a resistor R and a battery.



The resistance of the LDR is equal to the resistance of R when no light falls on the LDR.

When the light intensity falling on the LDR increases, which statement is correct?

- A** The current in R decreases.
- B** The current in the LDR decreases.
- C** The p.d. across R decreases.
- D** The p.d. across the LDR decreases.

Space for working