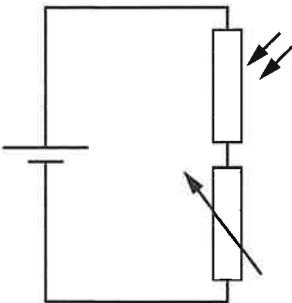


- 22 A light-dependent resistor (LDR) and a variable resistor are connected to a cell of negligible internal resistance.



What happens to the potential differences (p.d.) as the light intensity increases?

- A The p.d. across the LDR decreases and the p.d. across the variable resistor increases.
- B The p.d. across the LDR increases and the p.d. across the variable resistor decreases.
- C The p.d. across the LDR decreases and the p.d. across the variable resistor stays the same.
- D The p.d. across the LDR increases and the p.d. across the variable resistor stays the same.

