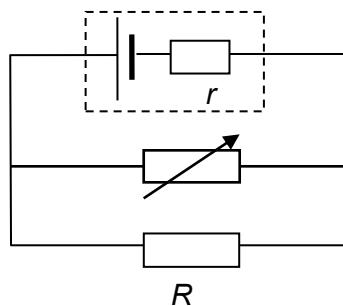


- 19 A battery with an internal resistance  $r$  is connected to a variable resistor and a resistor  $R$  as shown.

The resistance of the variable resistor is slowly increased from zero to the same value as resistor  $R$ .



What happens to the terminal potential difference of the battery?

- A increases
- B decreases
- C decreases before increasing
- D no change