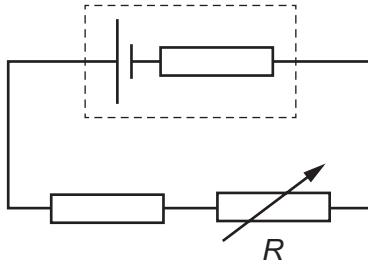
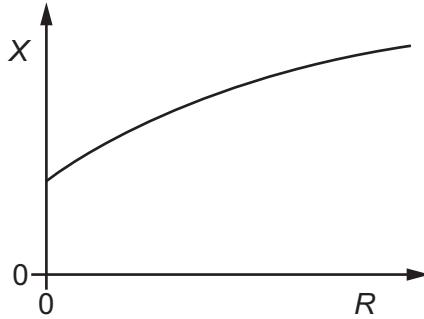


- 37 A fixed resistor and a variable resistor are connected in series with a cell that has an internal resistance, as shown.



The graph shows the variation of a quantity X with the resistance R of the variable resistor as R is increased from zero to its maximum value.



What could X represent?

- A the current in the circuit
- B the electromotive force of the cell
- C the potential difference across the internal resistance
- D the terminal potential difference across the cell