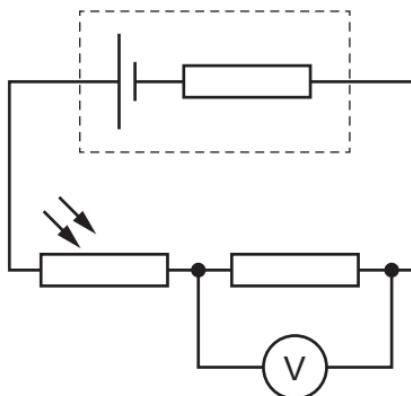


- 34** A cell with internal resistance is connected to a light-dependent resistor (LDR), a fixed resistor and a voltmeter, as shown.



The voltmeter reading increases.

Which quantity decreases as the voltmeter reading increases?

- A** the charge moving through the cell per unit time
- B** the energy transferred to the fixed resistor per unit charge
- C** the intensity of the light incident on the LDR
- D** the terminal potential difference across the cell

- 35** The circuit shown contains a cell with negligible internal resistance.