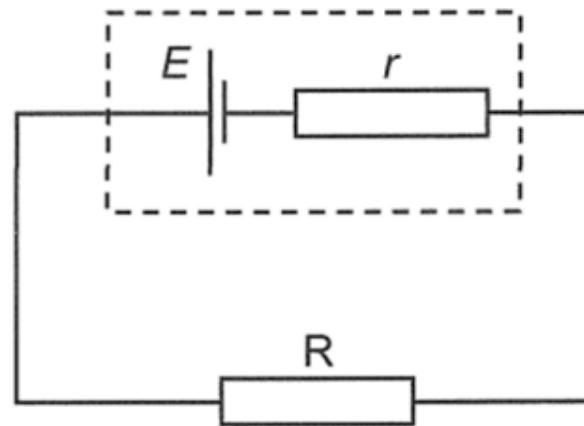


26 A cell of e.m.f. E is connected in series with a resistor R .



The potential difference across R is V_R . The potential difference across the internal resistance r of the cell is V_r .

What is the energy transferred by the cell in driving unit charge round the complete circuit?

A $V_R - V_r$

B V_R

C $E - V_r$

D E

27 The resistivity of aluminium is 2.0 times that of silver. An aluminium wire of length l and diameter