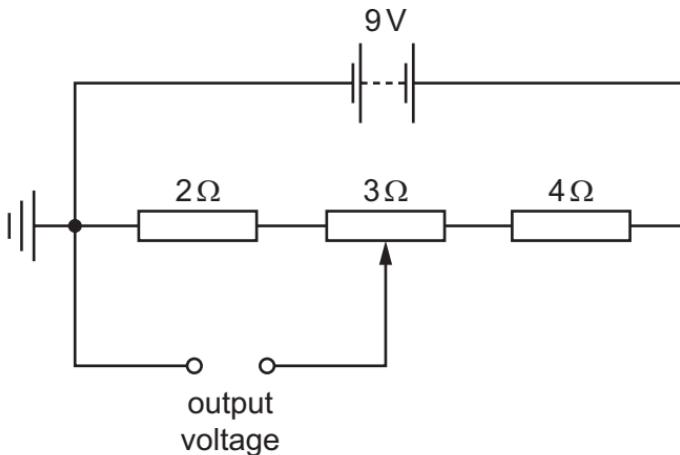


37 In the circuit shown, contact may be made at any point along the 3Ω resistor (potentiometer).



The battery has e.m.f. 9 V and negligible internal resistance.

What is the maximum range of the output voltage?

A 0–2 V

B 0–5 V

C 2–3 V

D 2–5 V