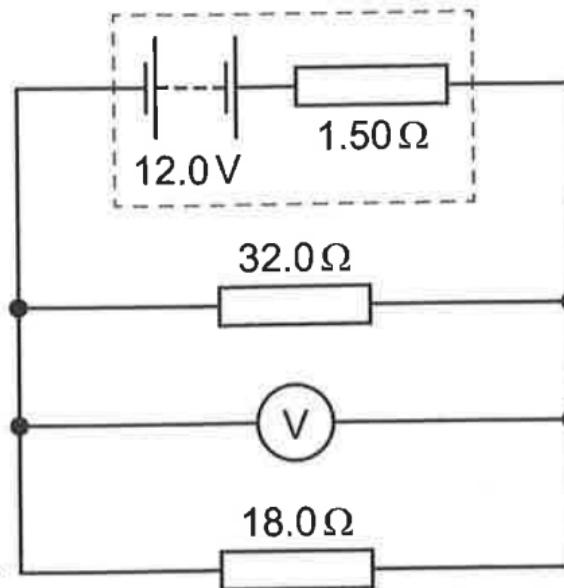


- 25 A battery with an e.m.f. of 12.0V and internal resistance of  $1.50\Omega$  is connected in parallel with resistors of resistance  $32.0\Omega$  and  $18.0\Omega$  as shown.



What is the reading on the voltmeter connected across the resistors?

A 1.04V

B 10.6V

C 11.4V

D 11.8V

- 26 A circuit contains six identical lamps connected in series. One of the lamps has a broken filament.