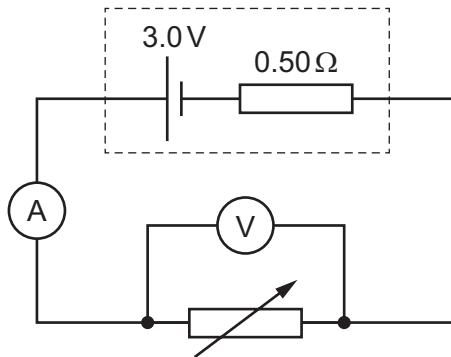


- 34** A cell of electromotive force (e.m.f.) 3.0 V and internal resistance 0.50  $\Omega$  is connected to a variable resistor, a voltmeter and an ammeter, as shown. The resistance of the variable resistor is varied.

The reading on the ammeter  $I$  and the reading on the voltmeter  $V$  are recorded.



Which graph shows how  $V$  varies with  $I$ ?

