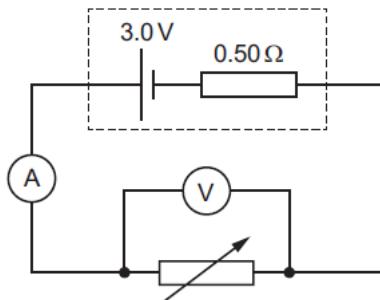


- 19 A cell of electromotive force (e.m.f.) 3.0 V and internal resistance 0.50 Ω is connected to a variable resistor, a voltmeter and an ammeter, as shown. The resistance of the variable resistor is varied.



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

Which graph shows how V varies with I ?

