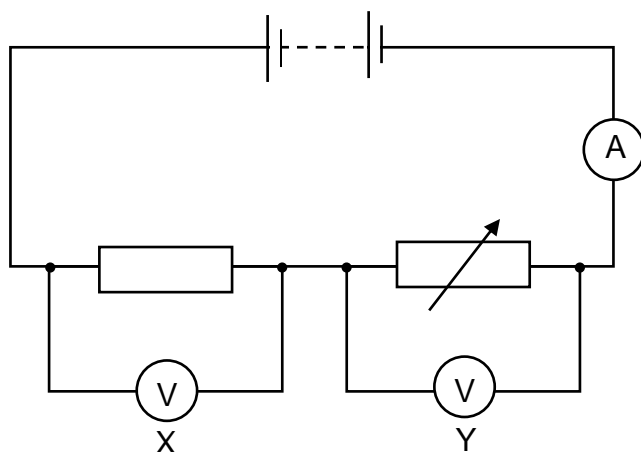


- 23** A battery is connected in series with an ammeter, a fixed resistor and a variable resistor. Voltmeters X and Y are connected across the fixed resistor and the variable resistor respectively.



The resistance of the variable resistor is reduced from its maximum resistance to $0\ \Omega$.

Which graph shows the variation of the voltmeter readings with the ammeter reading?

