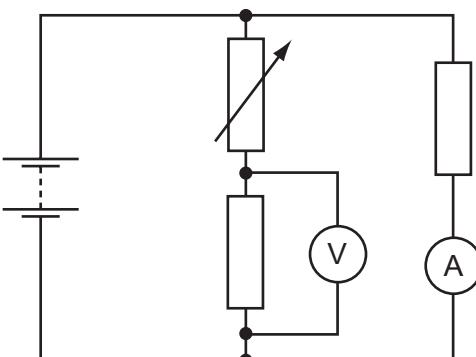


- 36 A network of electrical components is connected across a battery of negligible internal resistance, as shown.



The resistance of the variable resistor is increased.

What is the effect on the readings of the ammeter and voltmeter?

	ammeter	voltmeter
<b>A</b>	decreases	increases
<b>B</b>	increases	decreases
<b>C</b>	unchanged	decreases
<b>D</b>	unchanged	increases

**Space for working**