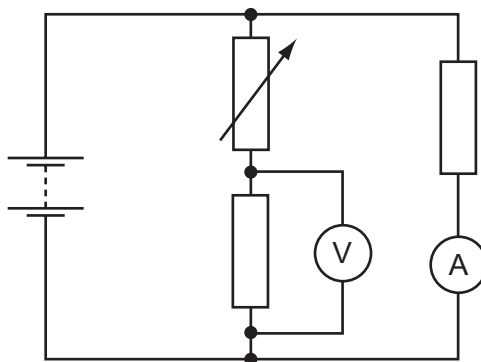


- 36** A network of electrical components is connected across a battery of negligible internal resistance, as shown.



The resistance of the variable resistor is increased.

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

	ammeter	voltmeter
A	decreases	increases
B	increases	decreases
C	unchanged	decreases
D	unchanged	increases

Space for working