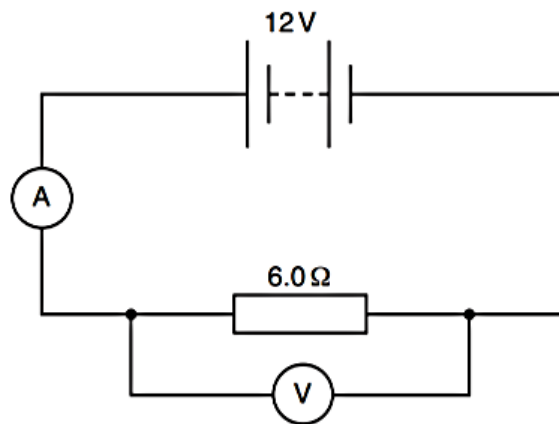


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In the circuit shown, the battery is ideal but the ammeter and voltmeter are **not** ideal.



The ammeter reads 1.9 A while the voltmeter reads 11 V.

What are the resistances of the ammeter and voltmeter?

resistance of ammeter / Ω

resistance of voltmeter / Ω

A

0.32

170

B

0.32

8.3

C

0.53

170

D

0.53

8.3