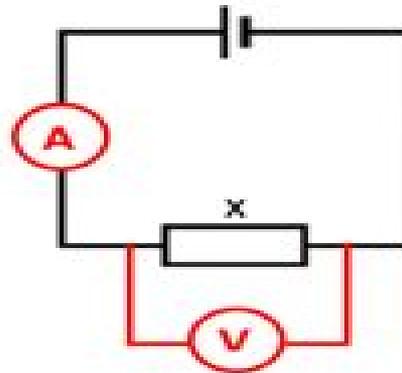


The diagram shows a simple series circuit.



(a) What is the name of the component labelled X?

[1]

Resistor

(b) Draw an ammeter *and* a voltmeter on the diagram to show how the current and voltage would be measured through this component.

[2]

The following measurements were taken from the circuit.

Voltage (V)	Current (A)
0.0	0.0
2.0	1.0
4.0	2.0
6.0	3.0
8.0	4.0
12.0	6.0

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