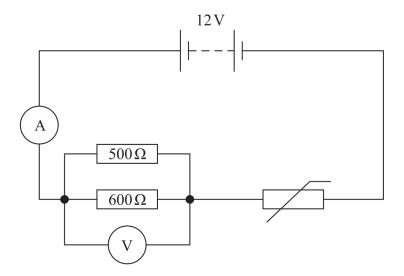
14 A student set up the circuit shown to investigate the properties of a negative temperature coefficient thermistor.



The power supply has negligible internal resistance.

(a) (i) Show that the voltmeter reading was about 6V.

ammeter reading =
$$23 \,\text{mA}$$



(ii) Calculate the power dissipated by the thermistor.



(ii) continue are perior assurption of the mermions.



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