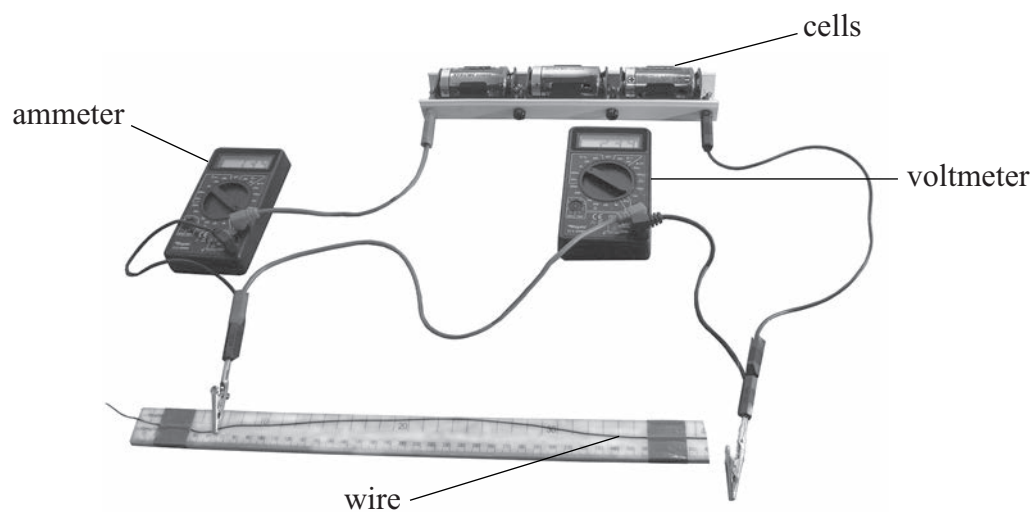


- 3 A student investigates how the resistance of a wire depends on its length.

The photograph shows the circuit that the student uses.



- (a) Draw a circuit diagram to show how the components in the photograph are connected.

(3)



(b) (i) Complete the table by naming the key variables in this investigation.

(1)

independent variable	
dependent variable	

(ii) Describe the method the student should use for this investigation.

(5)

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