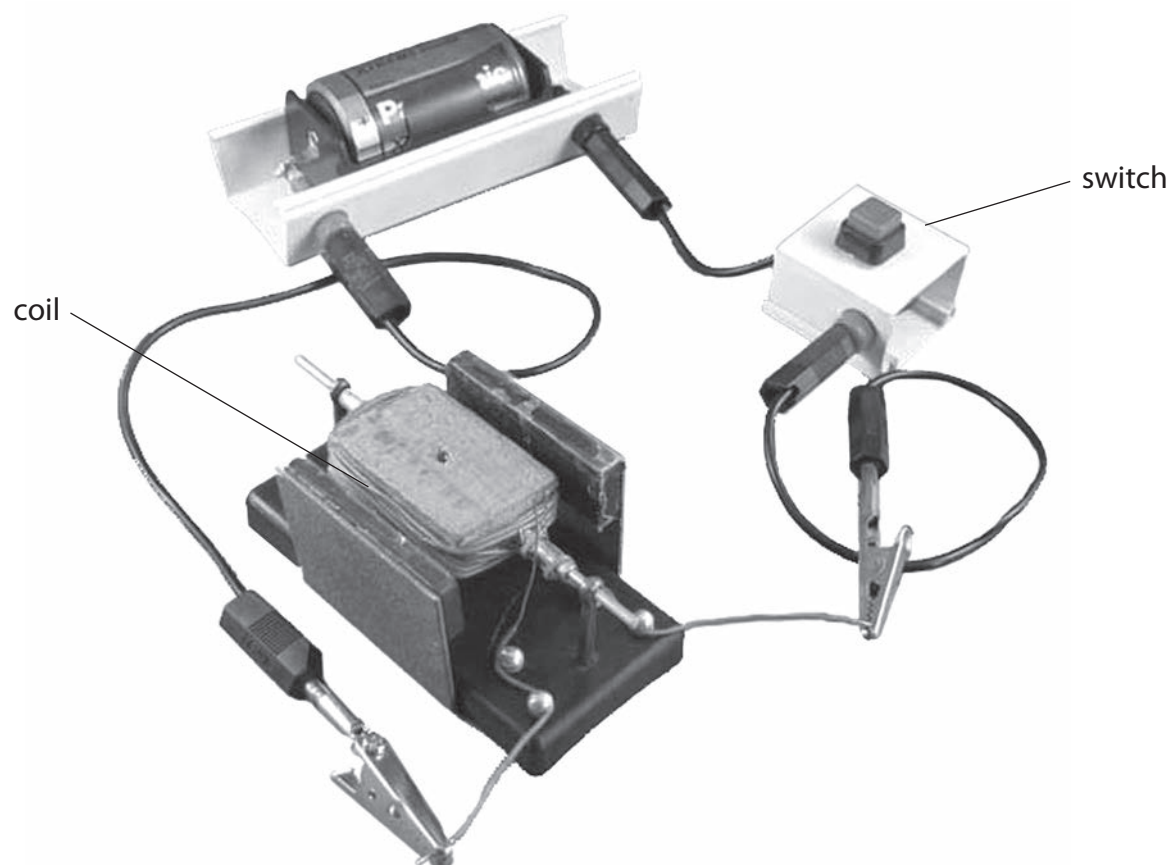


7 The photograph shows a small electric motor.



(a) Explain why the coil starts to spin when the switch is closed.

(4)

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(b) (i) Suggest how to make the coil spin in the opposite direction.

(1)

(ii) Suggest how to make the coil spin more slowly.

(1)

**(Total for Question 7 = 6 marks)**

