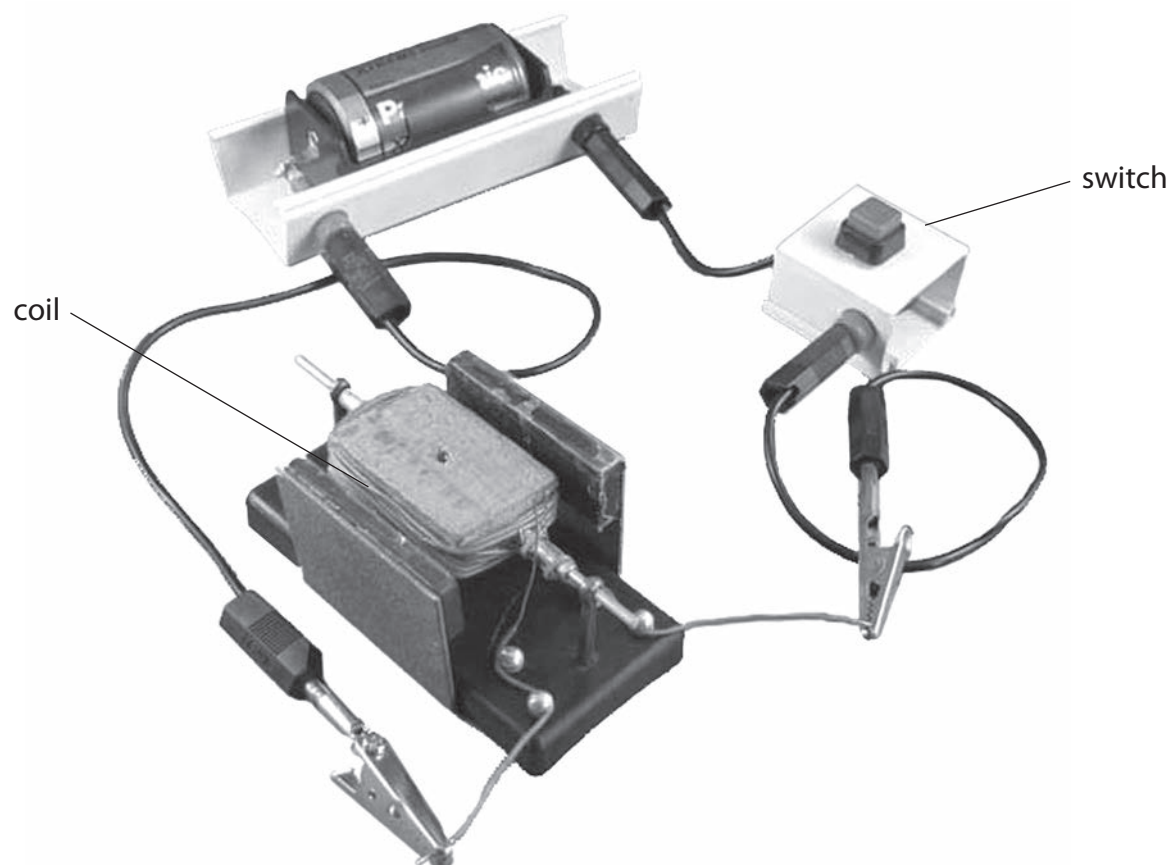


7 The photograph shows a small electric motor.



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

(4)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



(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)**

