



Name: Form:

See pages 6 and 7 of *Changing circuits*

Switches: breaking the circuit

Switches are used to break the circuit and control the flow of electricity.

Q1. (i) What would happen in the circuit if switch A was on and switch B was off?

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(iii) What would happen in the circuit if switch A and switch B were both on?

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Q2. When does a current flow in a circuit?

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Q3. What happens when one part of a circuit is not joined to the next?

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Q4. What happens when a switch is turned on?

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Q5. What happens when a switch is turned off?

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Q6. Why does the symbol for a switch always show it open?

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