

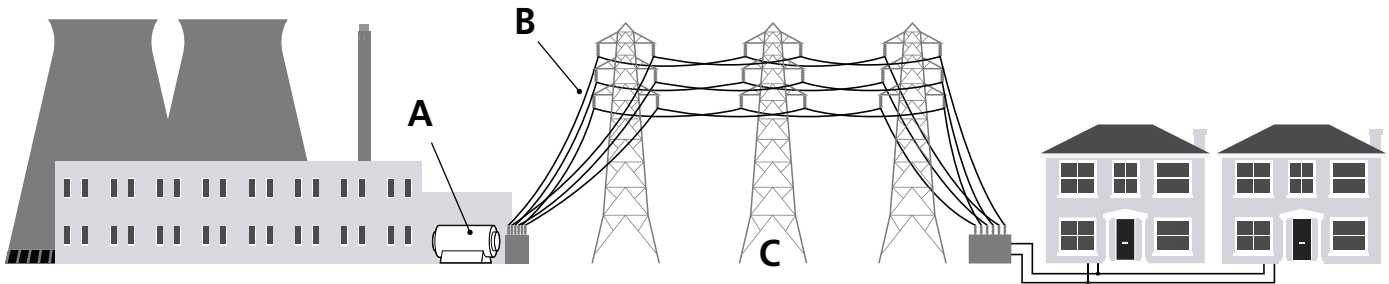


Name: ..... Form: .....

See pages 22 and 23 of *Changing circuits*

# Power supplies

Most of the things we do in the modern world depend on a power supply. This is how electricity gets from a power station to homes and other buildings.



**Q1.** (i) What is found in the power station at A? .....

(ii) What is B? .....

(iii) What is C? .....

**Q2.** Why is electricity carried high in the air or underground?

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**Q3.** Why are more cables suspended in the air than buried underground?

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**Q4.** What is the electricity grid?

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**Q5.** (i) Name two insulators used to help transport electricity safely overground.

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(ii) Name an insulator used to help transport electricity safely underground.

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**Q6.** Why is electricity transported at 400,000 volts?

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