

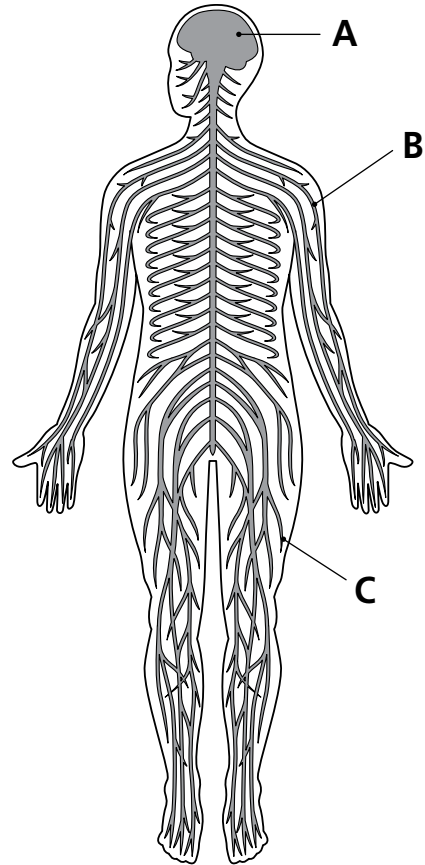


Name: Form:

See pages 16 and 17 of *Moving and growing*

Muscles use electricity and energy

Muscles can only move because they get electrical instructions and a continuous supply of energy.



Q1. (i) What is A in the diagram?

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(ii) What are B and C in the diagram?

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Q2. What part of the body tells the muscles to move?

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Q3. (i) In which country was Luigi Galvani born?

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(ii) What did Galvani use in his experiment?

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(iii) What did Galvani make by accident?

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(iv) What did the electricity do in Galvani's experiment?

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Q4. What carries electrical signals in the body?

Q5. Where does a muscle get its stored energy from?

Q6. (i) What is needed to change stored energy into movement energy?

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(ii) What carries stored energy to the muscle?