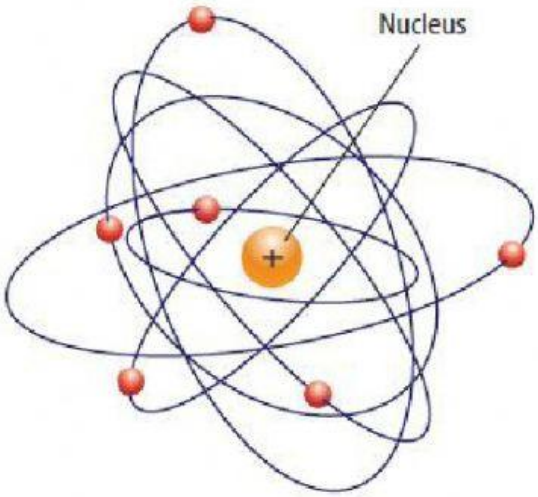
Online Quiz — Electric Charges and Electric Forces

1. Which of the following can move from one object to another?

Need a Hint?



A. ○ protons

B. ○ neutrons

C. ○ electrons

D. ○ the nucleus

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2. Which is true of an electrically charged object?

Need a Hint?

A. ○ it has an unequal number of protons and electrons

B. ○ it has an unequal number of protons and neutrons

C. ○ it has an equal number of protons and electrons

D. ○ it contains only neutral particles

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3. What is an electric field?

Need a Hint?

A. ○ the area over which electrons move within an object

B. ○ the region around an object where an electric force exists

C. ○ the force that two charged objects apply to each other

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D. ○ the path that electrons take when moving from one object to another

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4. An object with a negative charge will be most strongly attracted to which of the following?

Need a Hint?

A. ○ an object with the same charge

B. ○ an object with a positive charge

C. ○ an object with a neutral charge

D. ○ an object with a negative charge

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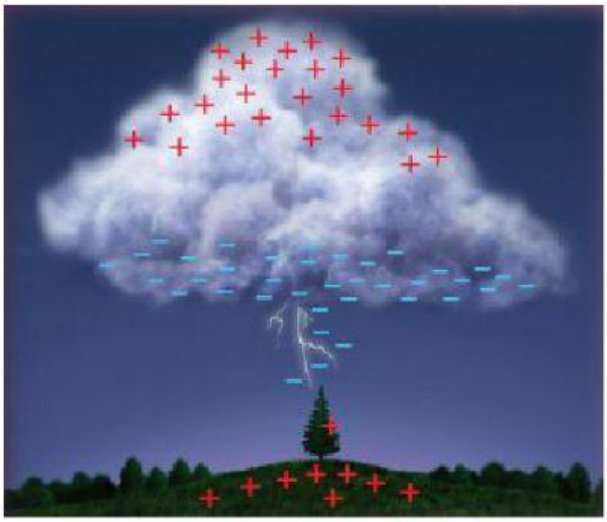
5. Lightning is an example of which?

Need a Hint?



A. ○ an electric field

B. ○ a conductor

C. ○ an insulator

D. ○ electric discharge

STOP This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

Grade the Test

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