

Practice Exercises

5(2) Energy Sources: Exercise A

Arrange the words in the correct order to complete the sentence.

Example: We / gasoline / cars / our / need / to run
We need gasoline to run our cars.

1. We / homes / our / use / to light / electricity

2. We / for / energy / light / need

3. When / for / cold / heat / need / we / it's / energy

4. When / to travel / for / want / need / we / transportation / energy

5. Fossil fuels / energy / are / source / of / important / an

6. We / electricity / such as / fossil fuels / coal / burn / to generate

7. The sun / energy / is / of / another / source

8. Solar cells / directly into / electricity / convert / can / sunlight

9. Solar energy / expensive / is still / and underdeveloped

10. Wind power / source / also / safe / is / a / energy / of

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5(2) Energy Sources: Exercise B

Write the words under the energy source they are associated with.

oil	rivers	natural gas	gasoline	coal	radiation
dams	tanker	falling water	reactor	cars	air pollution

Fossil Fuels

oil

Hydroelectric Power

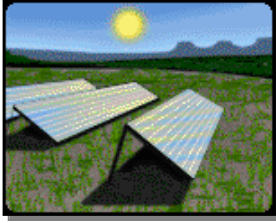
Nuclear Power

5(2) Energy Sources: Exercise C

Match the part of the sentence on the left with the part on the right.

- | | |
|---------------------------|--|
| a. Carbon gases cause | 1. ____ produced by nuclear reactors |
| b. Our forests are | 2. ____ kill fish, birds, and other wildlife |
| c. Radioactive wastes are | 3. ____ caused by air pollution |
| d. Oil spills | 4. ____ problems for fish |
| e. Dams cause | 5. <u>a</u> global warming |
| f. Solar cells can | 6. ____ convert sunlight into electricity. |
| g. Fossil fuels are | 7. ____ not renewable |
| h. Plants convert | 8. ____ carbon dioxide into oxygen |
| i. Oil tankers transport | 9. ____ oil across the oceans. |
| j. Acid rain is | 10. ____ being killed by acid rain. |

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5(2) Energy Sources: Exercise D

Fill in the blanks with *cause* or *result*.

Example: One result of an oil spill is the death of fish and other wildlife.

1. Pollution is a _____ of burning fossil fuels.
2. One _____ of acid rain is the destruction of our forests.
3. Oil spills are a _____ of death to fish and birds.
4. Burning fossil fuels is a _____ of air pollution.
5. Global warming is the _____ of carbon gases in our atmosphere.
6. A decrease in the supply of fossil fuels would _____ the price of oil to increase.
7. A rise in the temperature of our atmosphere would _____ the oceans to rise.
8. If radiation gets into the environment it can _____ serious health problems.
9. Using less energy will _____ in less pollution, so conservation is important.
10. The destruction of our forests will _____ an increase in global warming.

5(2) Energy Sources: Exercise E

Fill in the blank with the *passive* form.

Example: Energy (need) is needed to run our factories.

1. Fossil fuels (burn) _____ to generate electricity.
2. Dams (use) _____ to generate power.
3. Forests (kill) _____ by acid rain.
4. Acid rain (cause) _____ by air pollution.
5. Carbon dioxide (convert) _____ into oxygen by plants.

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5(2) Energy Sources: Exercise F

Use the passive to write a new sentence with the same meaning.

Example: We burn fossil fuels to generate electricity.
Fossil fuels are burned to generate electricity.

1. We convert the energy of falling water into electricity.

2. The burning of fossil fuels produces waste gases.

3. The burning of fossil fuels causes air pollution.

4. Solar cells convert sunlight into electricity.

5. We burn fossil fuels to generate electricity.

6. We are cutting down or burning many of our forests.

7. We must limit the number of dams.

8. Plants convert carbon dioxide into oxygen.

9. Protecting our forests will reduce the rate of global warming.

10. We use large oil tankers to transport oil across the oceans.
