

# Power Profile: Multiple Choice

NAME \_\_\_\_\_

## WHAT ARE THE ADVANTAGES AND DISADVANTAGES OF EACH POWER SOURCE?

Circle the letter of the correct answer to each question.

- |   |   |  |
|---|---|--|
| <p>1. The energy source that splits atoms or uranium to make heat to generate electricity is...</p> <ul style="list-style-type: none"><li>a. wind power</li><li>b. coal</li><li>c. nuclear fission</li></ul> <p>2. The energy source that uses plants or waste to produce energy is...</p> <ul style="list-style-type: none"><li>a. biomass</li><li>b. nuclear fission</li><li>c. hydropower</li></ul> <p>3. The energy source that uses collectors to heat water or air in buildings is...</p> <ul style="list-style-type: none"><li>a. solar energy</li><li>b. natural gas</li><li>c. biomass</li></ul> <p>4. The energy source that is dug out of the ground and mostly burned to make electricity is...</p> <ul style="list-style-type: none"><li>a. oil</li><li>b. coal</li><li>c. natural gas</li></ul> <p>5. Most of our energy comes from...</p> <ul style="list-style-type: none"><li>a. wind power</li><li>b. nuclear fission</li><li>c. fossil fuels</li></ul> <p>6. Hydropower is used to make...</p> <ul style="list-style-type: none"><li>a. chemicals</li><li>b. electricity</li><li>c. heat</li></ul> <p>7. Most oil is used to make...</p> <ul style="list-style-type: none"><li>a. electricity</li><li>b. gasoline</li><li>c. steel</li></ul> | <p>8. Fossil fuels are...</p> <ul style="list-style-type: none"><li>a. nonrenewable</li><li>b. renewable</li><li>c. not used to make electricity</li></ul> <p>9. Radioactive waste is produced by...</p> <ul style="list-style-type: none"><li>a. coal</li><li>b. biomass</li><li>c. nuclear fission</li></ul> <p>10. Our cleanest fossil fuel is...</p> <ul style="list-style-type: none"><li>a. natural gas</li><li>b. coal</li><li>c. oil</li></ul> <p>11. The energy source that uses water rushing out from dams to make electricity is...</p> <ul style="list-style-type: none"><li>a. hydropower</li><li>b. solar energy</li><li>c. fossil fuels</li></ul> <p>12. The energy source that uses big machines with blades to pump water, grind grain or make electricity is...</p> <ul style="list-style-type: none"><li>a. biomass</li><li>b. wind power</li><li>c. nuclear fission</li></ul> <p>13. The energy source that comes out of the ground invisible and odorless and is mainly used for heat is...</p> <ul style="list-style-type: none"><li>a. oil</li><li>b. natural gas</li><li>c. coal</li></ul> | <p>14. The energy source that is pumped out of the ground and used mainly to make gasoline is ...</p> <ul style="list-style-type: none"><li>a. oil</li><li>b. natural gas</li><li>c. coal</li></ul> <p>15. Solar cells are used to make...</p> <ul style="list-style-type: none"><li>a. fuels</li><li>b. heat</li><li>c. electricity</li></ul> <p>16. The fuel for nuclear fission is..</p> <ul style="list-style-type: none"><li>a. uranium</li><li>b. the sun</li><li>c. trash</li></ul> <p>17. Most coal is used to make...</p> <ul style="list-style-type: none"><li>a. gasoline</li><li>b. asphalt</li><li>c. electricity</li></ul> <p>18. Decisions about energy sources should include...</p> <ul style="list-style-type: none"><li>a. cost</li><li>b. availability</li><li>c. environmental effects</li><li>d. all of the above</li></ul> <p>19. To make electricity with wind, we must have...</p> <ul style="list-style-type: none"><li>a. strong winds</li><li>b. a sunny day</li><li>c. gentle breezes</li></ul> <p>20. A problem with solar energy is...</p> <ul style="list-style-type: none"><li>a. it can't be used to make electricity</li><li>b. we don't know how to use it</li><li>c. the sun doesn't always shine</li></ul> |
|---|---|--|