

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.

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| <p>1. The energy source that splits atoms or uranium to make heat to generate electricity is...</p> <ul style="list-style-type: none">a. wind powerb. coalc. nuclear fission <p>2. The energy source that uses plants or waste to produce energy is...</p> <ul style="list-style-type: none">a. biomassb. nuclear fissionc. hydropower <p>3. The energy source that uses collectors to heat water or air in buildings is...</p> <ul style="list-style-type: none">a. solar energyb. natural gasc. biomass <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">a. oilb. coalc. natural gas <p>5. Most of our energy comes from...</p> <ul style="list-style-type: none">a. wind powerb. nuclear fissionc. fossil fuels <p>6. Hydropower is used to make...</p> <ul style="list-style-type: none">a. chemicalsb. electricityc. heat <p>7. Most oil is used to make...</p> <ul style="list-style-type: none">a. electricityb. gasolinec. steel | <p>8. Fossil fuels are...</p> <ul style="list-style-type: none">a. nonrenewableb. renewablec. not used to make electricity <p>9. Radioactive waste is produced by...</p> <ul style="list-style-type: none">a. coalb. biomassc. nuclear fission <p>10. Our cleanest fossil fuel is...</p> <ul style="list-style-type: none">a. natural gasb. coalc. oil <p>11. The energy source that uses water rushing out from dams to make electricity is...</p> <ul style="list-style-type: none">a. hydropowerb. solar energyc. fossil fuels <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">a. biomassb. wind powerc. nuclear fission <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">a. oilb. natural gasc. coal | <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">a. oilb. natural gasc. coal <p>15. Solar cells are used to make...</p> <ul style="list-style-type: none">a. fuelsb. heatc. electricity <p>16. The fuel for nuclear fission is..</p> <ul style="list-style-type: none">a. uraniumb. the sunc. trash <p>17. Most coal is used to make...</p> <ul style="list-style-type: none">a. gasolineb. asphaltc. electricity <p>18. Decisions about energy sources should include...</p> <ul style="list-style-type: none">a. costb. availabilityc. environmental effectsd. all of the above <p>19. To make electricity with wind, we must have...</p> <ul style="list-style-type: none">a. strong windsb. a sunny dayc. gentle breezes <p>20. A problem with solar energy is...</p> <ul style="list-style-type: none">a. it can't be used to make electricityb. we don't know how to use itc. the sun doesn't always shine |
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