

Wind Turbines Post-Quiz

A. Circle the best choice:

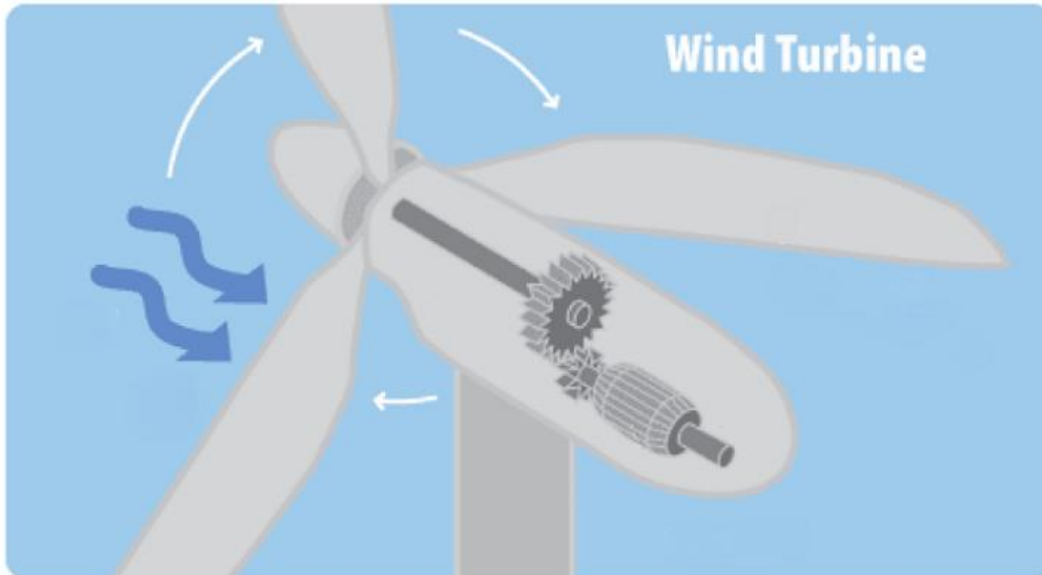
- | | | |
|------------------------|----------------------------|-------------------------------|
| 1. energy: | quantitative | qualitative |
| 2. water: | renewable
energy source | nonrenewable
energy source |
| 3. fossil fuel: | renewable
energy source | nonrenewable
energy source |
| 4. gasoline: | renewable
energy source | nonrenewable
energy source |
| 5. wind: | renewable
energy source | nonrenewable
energy source |
| 6. natural gas: | renewable
energy source | nonrenewable
energy source |
| 7. heat: | energy form | energy source |
| 8. sun: | energy form | energy source |
| 9. light: | energy form | energy source |
| 10. gravity: | energy form | energy source |

Name: _____ Date: _____ Class: _____

B. Use the following words to label the six basic components that composes a wind turbine:

tower
shaft
electric generator

rotor
gearbox
rotor blade



C. Write a short description of each:

1. Rotor and rotor blade:

2. Shaft:

3. Gearbox:

4. Electric generator: