

**EVALUATION:**

1. A wind turbine can be used to make  
a. Wind    b. Electricity    c. Heat
  
2. The energy in wind come from the  
a. Earth    b. Sun    c. Ocean
  
3. A tool that is shows the direction from which the wind is blowing is a(n)  
a. Anemometer    b. Thermometer    c. wind vane
  
4. What part of a wind turbine captures the wind?  
a. Tower    b. Gearbox    c. blades
  
5. Windmills have been used for  
a. Pumping water    b. Grinding grain    c. heat    d. A and B
  
6. Explain how electricity is generated by a wind turbine. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
7. The speed of the wind can cause a difference in the electrical output.  
a. True    b. False
  
8. The blades of a wind turbine turn the \_\_\_\_\_ that goes to the gearbox.  
a. Generator    b. Nacelle    c. low speed shaft
  
9. What part of the wind turbine makes the electricity?  
a. Generator    b. Nacelle    c. high speed shaft
  
10. The height of the tower has an effect on the amount of electricity produced.  
a. True    b. False