1) Identify two different orientations for wind turbines and describe the benefits and drawbacks of each.

|  |  |
| --- | --- |
|  Orientation |  Orientation |
| Example | Example |
| Benefits / Drawbacks | Benefits / Drawbacks |

2) Wind turbines are categorized into three sizes.

|  |  |  |
| --- | --- | --- |
| **Small**Typical output rangeTypical uses | **Intermediate**Typical output rangeTypical uses | **Large**Typical output rangeTypical uses |

3) Draw a typical large wind turbine and label the parts.

4) Describe how a wind turbine generates electricity.

5) Identify two safety measures built into wind turbines.