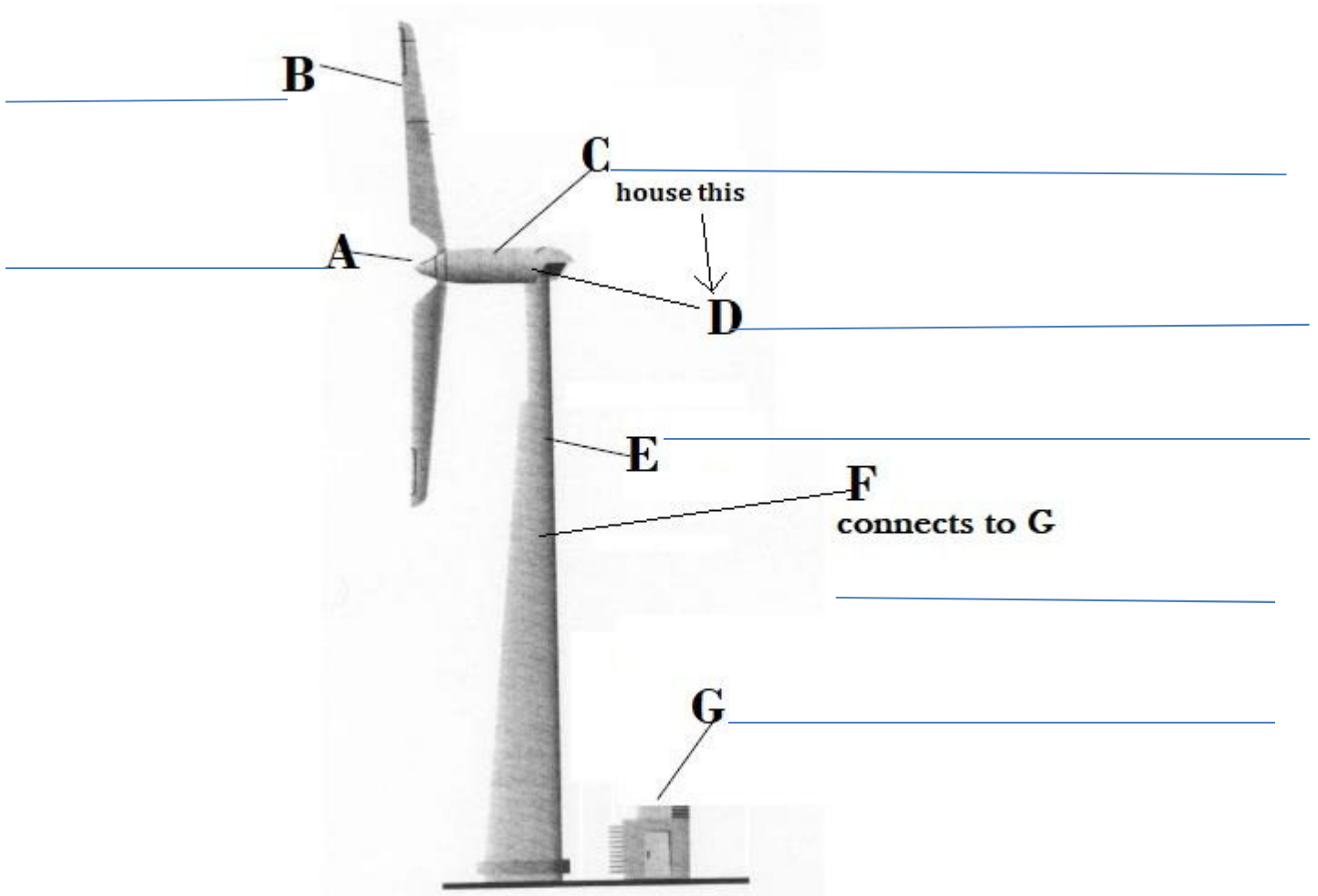


LABEL THE WIND TURBINE

Label the wind turbine below.



SORT ELEMENTS

- | | | | |
|-----------|-------------|--------------|-------|
| ○ Hub | rotor blade | power cables | tower |
| ○ Nacelle | generator | transformer | |

WIND ENERGY

Wind energy is one way to generate electricity without using fuels. How much do you remember about wind energy?



1. A pinwheel is

- ☐ a shape.
- ☐ an object.
- ☐ a symbol
- ☐ All of the above.

2. The ability to do work is _____.

- ☐ energy.
- ☐ electricity.
- ☐ a job.

3. Most of the energy we use originally came from _____.

- ☐ the land.
- ☐ the ocean.
- ☐ the sun.

4. Wind is _____.

- ☐ moving clouds.
- ☐ moving trees.
- ☐ moving air.

5. The first constructed wind mills were developed to

- ☐ generate electricity.
- ☐ pump water and grind grain.

6. Wind is made by the uneven heating of the

- ☐ earth's surface.
- ☐ sun.
- ☐ ocean.

7. Wind moves best

- ☐ over flat land
- ☐ in the city
- ☐ in the forest

8. A tool that measures the speed of the wind is

- ☐ a thermometer
- ☐ an anemometer
- ☐ a weather vane

9. A tool that shows the direction the wind is blowing is called

- ☐ an anemometer.
- ☐ a thermometer.
- ☐ a weather vane.

10. A wind turbine uses wind energy to make

- ☐ electricity.
- ☐ heat.
- ☐ motion.

11. What part of a wind turbine captures the wind?

- ☐ tower
- ☐ gear box
- ☐ blades

12. Your pinwheel pinwheel spinning is an example of

- ☐ potential energy.
- ☐ kinetic energy.