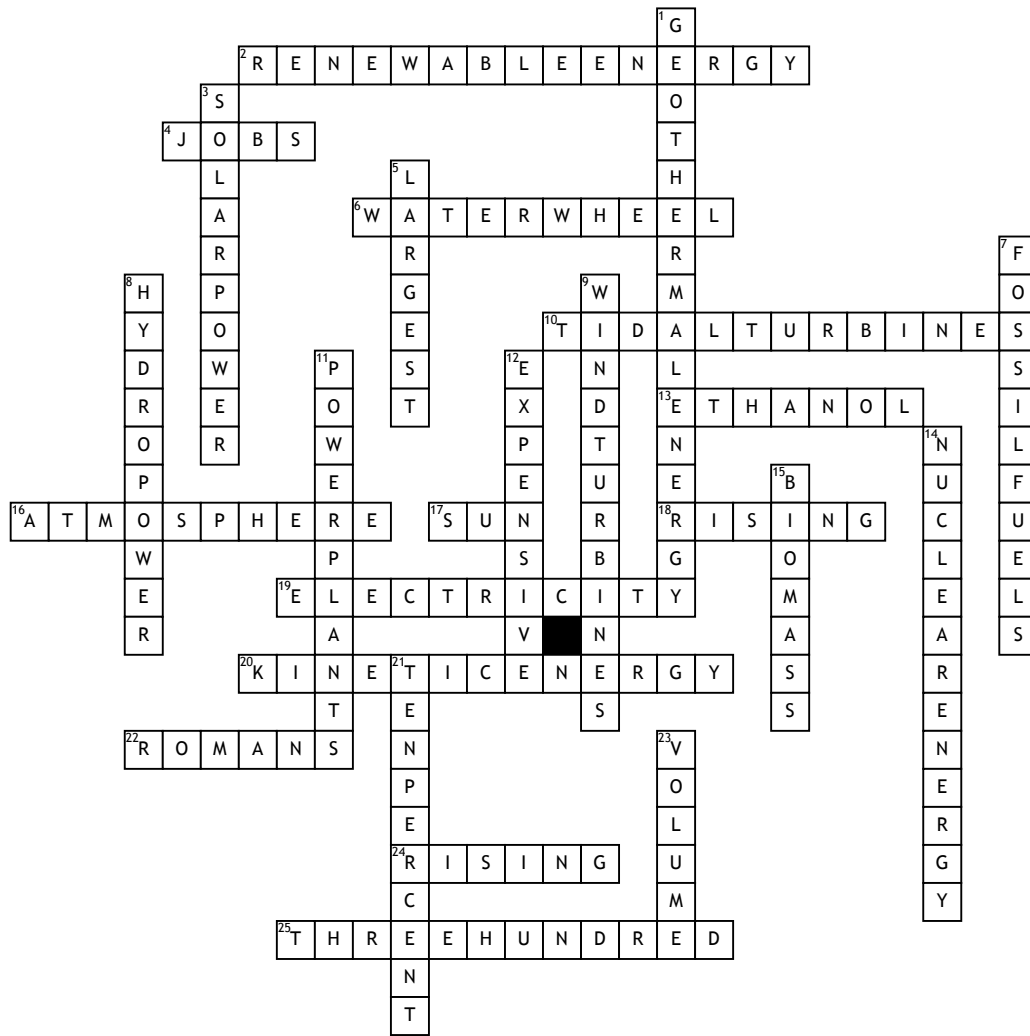


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Renewable Energy



## Across

2. \_\_\_\_\_ is renewable because they come from natural sources that can be easily replenished.
4. the solar and wind industries create many \_\_\_\_\_ and is very beneficial for the economy
6. the \_\_\_\_\_ was one of the earliest forms of power generators
10. \_\_\_\_\_ can be placed on the sea floor where there is strong tidal flow to convert to electrical energy.
13. a biofuel made from sugar cane and corn that is cleaner than burning gasoline
16. As greenhouse gases trap eat in the \_\_\_\_\_ that would otherwise escape into space
17. The most efficient source of energy is the \_\_\_\_\_
18. Because of the extra heat trapped in the atmosphere, the earth's temperature is \_\_\_\_\_

19. More than half of renewable energy sources are devoted to producing \_\_\_\_\_.

20. A wind turbine converts the winds \_\_\_\_\_ into electrical energy

22. were the very first to use geothermal energy to heat their homes, with warm air moving under floors and inside walls.

24. Because of the extra heat trapped in the atmosphere, the earth's temperature is \_\_\_\_\_

25. one wind turbine can produce energy for \_\_\_\_\_ homes

## Down

1. \_\_\_\_\_ is the heat from the earth
3. an energy source that converts sunlight into energy
5. biomass is the \_\_\_\_\_ and most used renewable energy source in the US
7. \_\_\_\_\_ are not a renewable source of energy

8. \_\_\_\_\_ is a form of energy derived from fast moving water

9. can sometimes effect the population of local wildlife (kills birds)

11. \_\_\_\_\_ usually use coal as fuel, which emits fossil fuels.

12. because renewable energy is usually very \_\_\_\_\_, we resort to using fossil fuels

14. \_\_\_\_\_ generates heat to produce steam, which is used by a turbine generator to generate electricity

15. \_\_\_\_\_ contains stored energy from the sun and converts it to electrical energy

21. renewable sources accounted for about \_\_\_\_\_ of U.S. electricity generation

23. compressed natural gas is made by compressing to less than 1% of its \_\_\_\_\_

## Word Bank

fossil fuels

volume

geothermal energy

renewable energy

electricity

hydropower

Ethanol

solar power

kinetic energy

water wheel

jobs

biomass

Romans

nuclear energy

sun

tidal turbines

power plants

atmosphere

ten percent

largest

three hundred

expensive

rising

wind turbines

rising