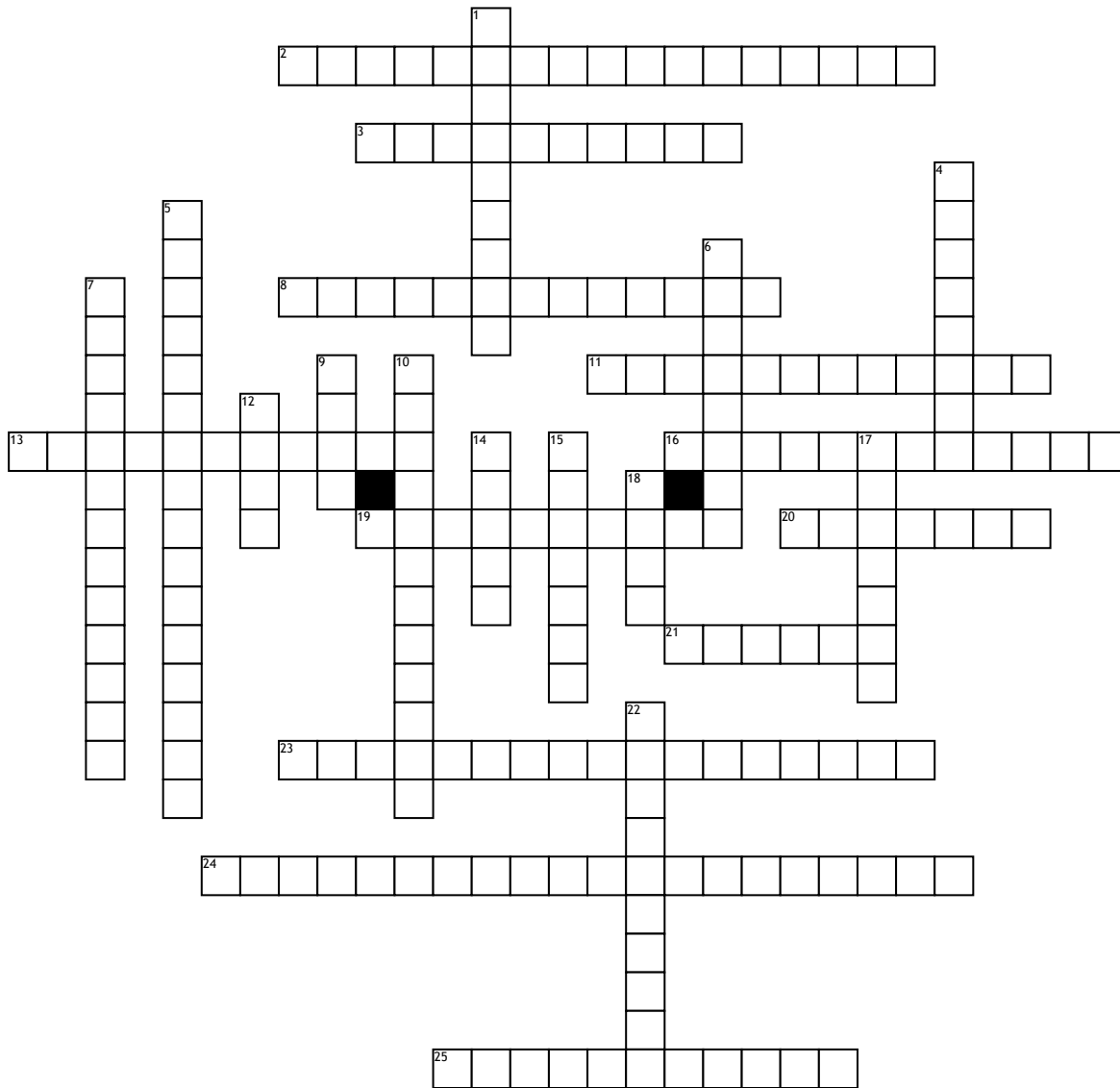


Name: \_\_\_\_\_

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

# OTAVIO's Amazing crossword puzzle



## Across

2. The brightness of a star as seen from earth

3. water in a form of gas

8. any form of water that falls and reaches earth's surface as, snow, rain, sleet, or hail

11. Electromagnetic waves with wavelengths that are longer than visible light but shorter than Microwaves

13. The process in which molecules at the surface of a liquid absorb enough energy to change to a gas

16. Electromagnetic radiation that can be seen with the unaided eyes

19. The movement of an object around another object

20. The initial explosion that resulted in the formation and expansion of the universe

21. The amount of space an object takes up

23. The brightness of a star would have if it were at standard distance from earth

24. Electromagnetic waves with wavelengths that are shorter than visible light but longer than x-rays

25. The pressure caused by the weight of a column of air pushing down on an area

## Down

1. An optical instrument that forms enlarged images of distant objects

4. the level of the sea's surface, used in reckoning the height of geographical features such as hills and as a barometric standard

5. The trapping of heat near a planet's surface by certain gases in the planet's atmosphere

6. The spinning motion of a planet on its axis

7. A gradual increase in the average temperature of the atmosphere, thought to be caused by an increase in greenhouse gases from human activities

9. An imaginary line that passes through center and its north and south poles which the planet rotates

10. The change in state from a gas to a liquid

12. A measure of how much matter is in an object

14. A form of oxygen that has three oxygen atoms in each molecule instead of the usual two; toxic to organisms where it forms near earth's surface

15. An imaginary line that circles earth halfway between the north and south poles

17. A leguminous plant especially one grown as a crop

18. The periodic rise and fall of the level of water in the ocean

22. The continual movement of water among the earth's atmosphere, oceans, and land surface through evaporation, condensation, and perspiration