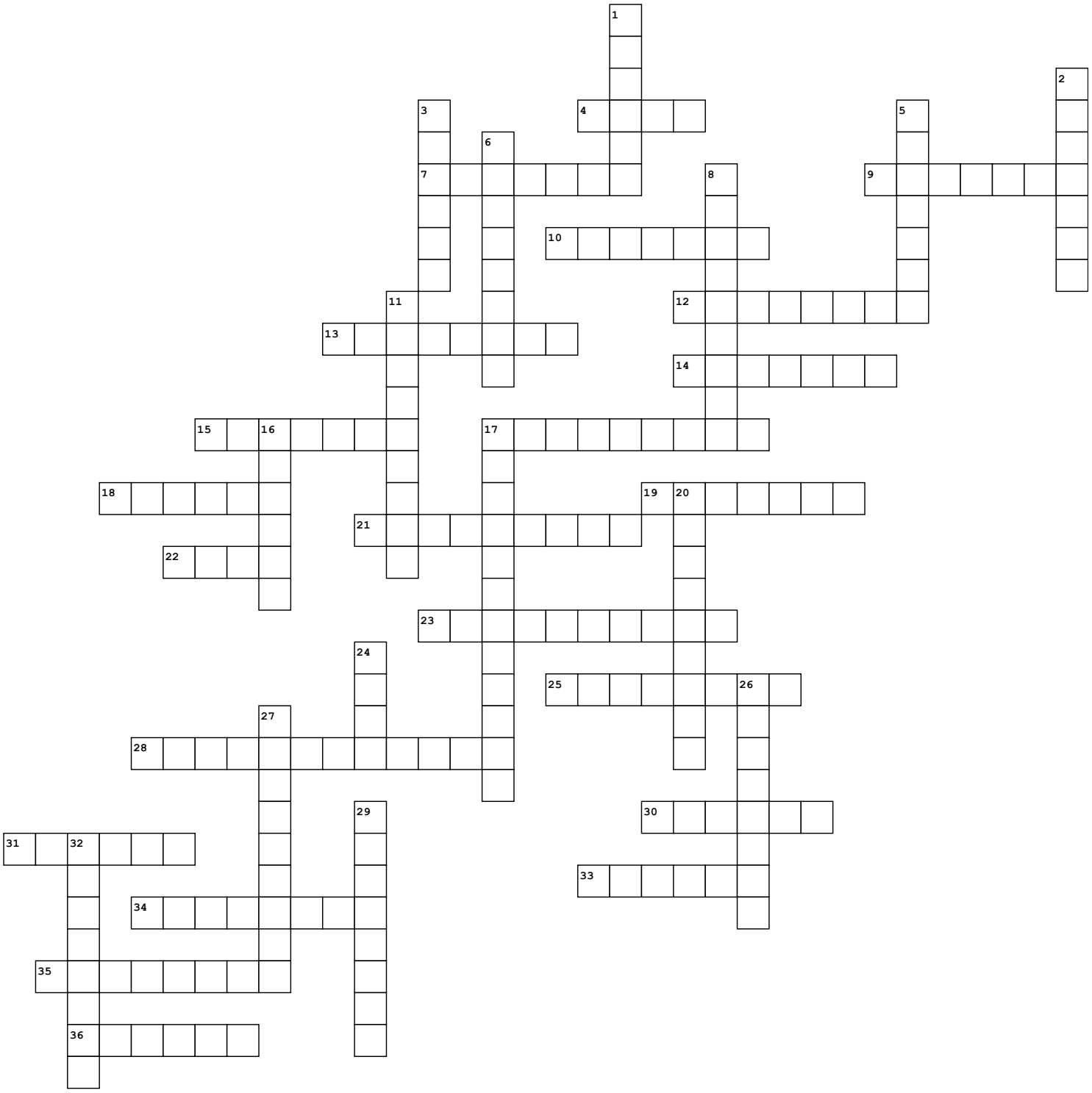
The Periodic Table



Across

4. clue: This element has four letters and has been used for thousands of years to make brass products

7. clue:this element is a chemical element that does not occur with nature, that has compounds that are

Down

1. clue: is the sixth element in group 2 of the periodic table, also known as the alkaline earth metals.

2. clue: this element is A lustrous, silvery gray, tetravalent transition metal, hafnium chemically

in trace amounts in zinc ores and in bauxite.

9. clue : this element is a Nobel gas that glows with over a thousand volts.

10. this element is nonmetallic and tetravalent, making four electrons available to form covalent chemical bonds.

12. this element: is a soft gray alkaline earth metal, and is the fifth-most-abundant element by mass in the Earth's crust. We find this in some food that we eat too.

13. named after Niels Bor

14. This element is a soft, silvery-gold alkali metal with a melting point of 28 °C.

15. clue: This element is named after a town in Russia, where it was first produced. Dysprosium clue:this element is a rare earth element with a metallic silver luster, and is never found in nature as a free element, though it is found in various minerals, such as xenotime. Einsteinium clue :this element is the seventh transuranic element, and an actinide, that was named after a famous physical scientist.

17. is a substance that you may find in swimming pools.

18. clue:this element is an orangey-red metal, that we used for pennies.

19. This element starts with bar and ends with m.

21. clue: this element was identified in 1944 by Seaborg.

22. clue:this element is a colorless, odorless, inert monatomic gas under standard conditions, with about two-thirds the density of air.

23. This element has two Ls, begins with a B and ends with a m.

25. This element is a five letter word and is as pure as crystal.

28. clue: this element is a synthetic radioactive metal and has only been produced in tiny particles. Named after the city it was made in.

30. clue: is often used in foods, medicines, and can also sublimate into a pink-violet gas. Fermium fact:this element is a symbol Fm and atomic number 100, and It is a member of the actinide series.

31. clue : this element was discovered by George Brandt in 1735.

33. clue : It is a post-transition metallic element that is rare in Earth's crust, and has no obvious role in biological processes, but is of considerable industrial importance.

resembles zirconium and is found in zirconium minerals.

3. This is a five letter word and is a noble gas.

5. was named after the dwarf planet Ceres.

6. clue:this element is a chemical element that is a dense, malleable, ductile, highly unreactive, precious, gray-white transition metal.

8. clue : this element is not found as a free element in nature, and it is an essential element to photosynthesis.

11. It is the first element in Group 6.

16. This element is produced entirely by cosmic ray spallation.

17. This element is named after it's place of origin (California)

20. This element is a lustrous gray metalloid.

24. clue: The properties remain when exposed to air or water, and is yellow and is popular found in jewelry.

26. this element is a soft, bluish-white metal is chemically similar to the two other stable metals in zinc and mercury.

27. This element is a result of radioactive decay.

29. clue: this element is silvery white and soft. It is a ductile metal.

32. this element is 7 letters and is a halogen.

34. Clue: this is a radioactive element with the symbol Ac.

35. this element begins with a b and ends with Uth.

36. clue: this can be used to dope fiber optic cables to improve their information carrying capability, which it does by helping to amplify the signal.