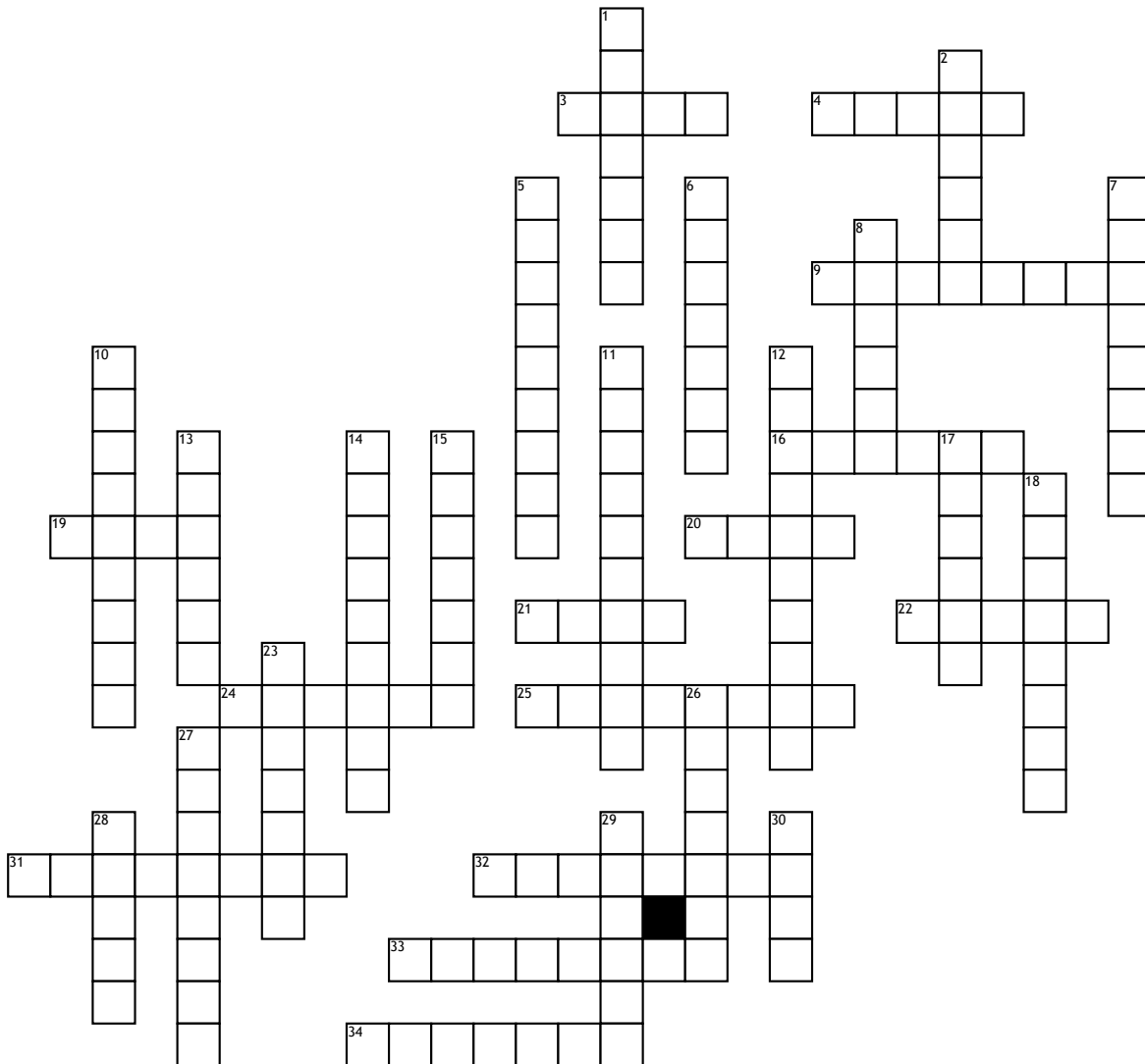


Name: \_\_\_\_\_

# 34 Elements of the periodic table



**Across**

- 3. this element is known for its use in magnets
- 4. in medical practice this element can be used to treat osteoarthritis, and build strong bones and muscles
- 9. makes up most of Earth's atmosphere
- 16. this element is the base of all terrestrial life on earth
- 19. this was once used as a coinage metal but it became to expensive to uphold
- 20. found in small amounts in pennies it is an essential mineral found in food
- 21. a form of color was named after this
- 22. this rhymes with another noble gas
- 24. due to its high reactivity this metal is never found in nature as a free element.
- 25. this a major industrially used metal found in cars
- 31. this is found in South Africa and has the atomic number 78
- 32. this toxic element is commonly found in bleach

33. this low density high strength metal is resistant to most corrosion

34. used as long cylinder cores in nuclear power plants

**Down**

- 1. one of the only liquid elements at room temp
- 2. this elements atomic letters are Cu
- 5. it was used as the first arc reactor core in the blockbuster movie "Iron Man"
- 6. one of the many elements found in nature and man made products its also found in some pesticides
- 7. this has the highest melting point of any metal
- 8. this metal is used to describe most other metals (for color)
- 10. in the movie " Back to the Future" this was a power source (it was stolen)
- 11. this can be found in many pure forms
- 12. "not a hat"
- 13. this element is the heaviest of the stable halogens.

14. found in bananas and oranges this electrolyte helps fuel your muscles

15. this soft and silvery metal can make other metals softer if its soaked in

17. is a raw material in photosynthesis

18. this hard and brittle transition metal is the main adative in stainless steel

23. found in milk it is essential for healthy bones

26. in the movie "The Avengers" this was used as a stabilizing agent for the portal device built by Eric Selvig.

27. this element has no safety data sheet. if it did it would just say no in charred blood

28. this elements atomic number is 86 it is a noble gas

29. this is found in a mineral compound commonly known as salt

30. in medical practice this slightly toxic metal is used to protect from X rays