

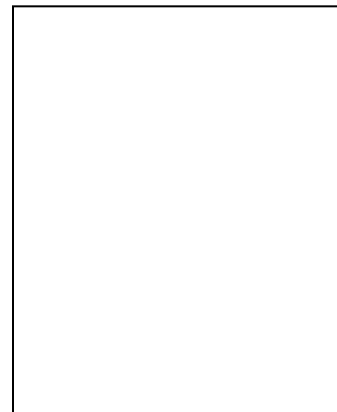
Periodic Table Scavenger Hunt – Do this IN-CLASS

1. The name of the element whose symbol is W. _____
2. The name of the heaviest element on the chart. _____
3. An element that is a **liquid metal**. _____
4. The name of group 17. _____
5. The symbol of the element with an atomic mass of 207.2 _____
6. The symbol for the element gold. _____
7. The lightest weight element that is **not** a gas. _____
8. The element in group 4 period 4. _____
9. The symbol for tin. _____
10. The number of periods on the Periodic Table. _____
11. Any man-made element. _____
12. State of matter of the element Palladium. _____
13. An element whose atomic number is 53. _____
14. An element whose atomic mass is 173.04. _____
15. State of matter of the element Calcium _____
16. The name of group 14. _____
17. The element before silver. _____
18. The name of the element with the symbol Tc. _____
19. The lightest weight metalloid. _____
20. The name of group 18. _____
21. A metalloid with the atomic mass 72.64 _____
22. State of matter of Rutherfordium. _____
23. Group and period of the element Iodine. _____
24. Element with atomic number 87. _____
25. Element in group 5 period 6. _____
26. Man that put together the first Periodic Table. _____
27. The only element under the staircase that is not a metalloid. _____
28. The number of gases on the Periodic Table. _____
29. The element named after the man that put the first P.T. together _____
30. Two elements next to each other that have decreasing atomic masses. _____
31. The four states of matter are _____, _____, _____, and _____.
32. A particle that has a positive charge is called a _____.
33. A particle that has a negative charge is called a _____.
34. A particle with a neutral charge is called a _____.
35. How many electrons are in the element hydrogen? _____
36. How many protons are in the element bromine (Br)? _____

What's My Element – Do this At-Home

Step 1: Pick an element from the periodic table. What is it? _____

Step 2: Find a periodic table, and copy down the element key for your element. (Must include the element name, symbol, atomic number, mass, and state of matter)



Step 3: Now it's time to do some research. Include a physical description of your element.

Step 4: More research. Tell us, how abundant is your element? Is it widely available?

Step 5: How is your element used?

Step 6: What is the history of your element? How and when was it discovered?

Step 7: Provide your element's physical and chemical properties.

Step 8: How does your element look? Provide a detailed drawing of your element in pure form, or print out and attach a picture.