NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Periodic Practice!

Fill in the missing information on the chart about each element using your periodic table. You may want to do 1-5 at the bottom first if you need help.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 protons:\_\_\_neutronsElement?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_electrons | Mass # 18.998Element?\_\_\_\_\_\_\_\_\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_\_Symbol?\_\_\_\_\_\_\_\_\_\_\_\_\_ | IronSymbol?\_\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_Atomic mass?\_\_\_\_\_\_\_\_\_\_\_\_ | ZnElement?\_\_\_\_\_\_\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_Atomic mass?\_\_\_\_\_\_\_\_\_\_\_\_ | 11 protons\_\_\_\_\_neutrons\_\_\_\_\_electronsElement?\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| MercurySymbol?\_\_\_\_Atomic #? \_\_\_\_\_\_\_\_\_\_\_\_\_\_neutrons | 82 protons\_\_\_\_neutrons\_\_\_\_electronsElement? \_\_\_\_\_\_\_\_\_\_\_\_\_ | Gas with seven protonsElement? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_neutrons | 18 protons\_\_\_neutronsElement?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Symbol? \_\_\_\_\_\_\_\_\_\_ | PotassiumSymbol?\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_Atomic mass?\_\_\_\_\_\_\_\_\_\_\_ |
| BaElement?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period? \_\_\_\_\_Family?\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_\_ | Synthetic; AmElement? \_\_\_\_\_\_\_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_Mass? \_\_\_\_\_\_\_\_\_\_\_\_ | Three protonsElement?\_\_\_\_\_\_\_\_\_\_\_\_Mass?\_\_\_\_\_\_\_\_\_\_\_Period?\_\_\_\_\_Family?\_\_\_\_\_ | 29 protonsSymbol? \_\_\_\_Period? \_\_\_\_\_Family? \_\_\_\_\_Atomic #?\_\_\_\_\_\_\_\_\_\_\_\_ | EuElement? \_\_\_\_\_Atomic #?\_\_\_\_Atomic mass? \_\_\_\_\_\_\_\_\_\_\_\_\_Family? \_\_\_\_\_\_ |

1. A column in the periodic table is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. A row is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. I find the atomic number from the number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is equal to the number of protons in an uncombined atom.
5. The number of neutrons is found by subtracting the atomic \_\_\_\_\_\_\_\_\_\_\_\_\_ from the atomic \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.