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:  \_\_\_neutrons  Element?  \_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_electrons | Mass # 18.998  Element?  \_\_\_\_\_\_\_\_\_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_\_  Symbol?  \_\_\_\_\_\_\_\_\_\_\_\_\_ | Iron  Symbol?\_\_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_  Atomic mass?  \_\_\_\_\_\_\_\_\_\_\_\_ | Zn  Element?  \_\_\_\_\_\_\_\_\_\_\_  Atomic #?\_\_\_\_\_\_\_\_\_  Atomic mass?  \_\_\_\_\_\_\_\_\_\_\_\_ | 11 protons  \_\_\_\_\_neutrons  \_\_\_\_\_electrons  Element?  \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Mercury  Symbol?\_\_\_\_  Atomic #? \_\_\_\_\_\_\_\_\_\_  \_\_\_\_neutrons | 82 protons  \_\_\_\_neutrons  \_\_\_\_electrons  Element?  \_\_\_\_\_\_\_\_\_\_\_\_\_ | Gas with seven protons  Element? \_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_neutrons | 18 protons  \_\_\_neutrons  Element?\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_  Symbol? \_\_\_\_\_\_\_\_\_\_ | Potassium  Symbol?\_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_  Atomic mass?  \_\_\_\_\_\_\_\_\_\_\_ |
| Ba  Element?\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  Period? \_\_\_\_\_  Family?\_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_\_ | Synthetic; Am  Element?  \_\_\_\_\_\_\_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_  Mass?  \_\_\_\_\_\_\_\_\_\_\_\_ | Three protons  Element?  \_\_\_\_\_\_\_\_\_\_\_\_  Mass?  \_\_\_\_\_\_\_\_\_\_\_  Period?\_\_\_\_\_  Family?\_\_\_\_\_ | 29 protons  Symbol? \_\_\_\_  Period? \_\_\_\_\_  Family? \_\_\_\_\_  Atomic #?  \_\_\_\_\_\_\_\_\_\_\_\_ | Eu  Element? \_\_\_\_\_  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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.