

Periodic Table Worksheet

Name: _____ Date: _____

1. Tell which element is located in the following groups and periods.

- a. _____ group 4, period 5
- b. _____ group 2, period 2
- c. _____ group 6, period 6
- d. _____ group 18, period 1
- e. _____ group 14, period 5
- f. _____ group 12, period 4
- g. _____ group 1, period 7
- h. _____ group 16, period 6
- i. _____ group 17, period 3
- j. _____ group 11, period 5
- k. _____ group 5, period 4
- l. _____ group 10, period 6
- m. _____ group 13, period 3
- n. _____ group 15, period 6

2. For each of the following, label as a metal, nonmetal, metalloid.

- a. _____ poor conductor of electricity
- b. _____ usually a solid at room temp
- c. _____ ductile.
- d. _____ chlorine.
- e. _____ semiconductor.
- f. _____ silicon.
- g. _____ malleable.
- h. _____ usually a gas at room temp.
- i. _____ cobalt.
- j. _____ good conductor of heat.
- k. _____ brittle.
- l. _____ oxygen

3. Vertical columns on the periodic table are called _____.

4. Horizontal rows on the periodic table are called _____.

5. The number of protons in an atom is that element's _____ number.

6. The number of protons and neutrons in an atom is that atom's _____ number.

7. The ability of a material to be drawn into a thin wire is called _____.

8. The ability of a material to be pounded into thin sheets is called _____.

9. The elements in groups 3 through 12 are called the _____.

10. The elements in group 1 are called the _____.

11. The elements in group 2 are called the _____.

12. The elements in group 18 are called the _____.

13. The elements in group 17 are called the _____.

14. The elements in group _____ are the most reactive metals.

15. The elements in group _____ are the most reactive nonmetals