

Periodic Table Homework Quiz

Name: _____ Date: _____ Per: _____

Use the Periodic Table to help you answer these questions.

1. Identify the following as metal, nonmetal, or metalloid:

Argon Germanium Bismuth Zinc Hydrogen

2. Identify the following as transition metal, representative element, or inner transition metal

Osmium Titanium Gold Radon Copper

Sulfur Cerium Sodium Aluminum Iron

Nitrogen Hassium Californium Mercury Lithium

3. There are _____ groups and _____ periods in the periodic table.
4. Chlorine has _____ valence electrons
5. Groups 3 – 12 are called the _____ metals.
6. _____ do not naturally combine with other elements
7. _____ are ductile, malleable and lustrous
8. _____ all elements in this series are radioactive
9. _____ poor conductors of heat & electricity; solids are dull & brittle
10. To which group/family does each of these belong?
- a. Sulfur _____
 - b. Argon _____
 - c. Chlorine _____
 - d. Sodium _____
 - e. Silicon _____
 - f. phosphorous _____

Fill in the chart below. The first row has been completed as an example.

Element	Symbol	Atomic Number	Period	Group
Sodium	Na	11	3	1
	O			
Krypton				
		79		
			5	12
			4	7