

NAME: _____ PERIOD: _____

Define the following terms:

1. Group or family
2. Period or Series
3. Ion
4. Atomic Number
5. Mass Number

Write the symbols for the following elements:

6. Hydrogen
7. Sodium
8. Oxygen
9. Iron
10. Chlorine

Name the following elements:

11. K
12. Mg
13. Al
14. I
15. Br

Draw atomic structures for the following elements:

16. Hydrogen – atomic number = 1 Mass number = 1
17. Carbon – atomic number = 6 Mass number = 12
18. Oxygen – atomic number = 8 Mass number = 16
19. Neon – atomic number = 10 Mass number = 20
20. Sodium – atomic number = 11 Mass number = 23

Write formulas for the following combinations of elements:

21. Hydrogen and Oxygen
22. Sodium and Chlorine
23. Magnesium and Iodine
24. Iron II and Oxygen
25. Iron III and Oxygen
26. Aluminum and Sulfur
27. Calcium and Sulfate
28. Zinc and Phosphate
29. Ammonium and Carbonate
30. Potassium and Bromine