

Name : \_\_\_\_\_ Date : \_\_\_\_\_

# Periodic Table Practice

- 1) What is the atomic symbol for silver? \_\_\_\_\_
- 2) What is the atomic mass of mercury? \_\_\_\_\_
- 3) What period are the following elements in?
  - a. He \_\_\_\_\_
  - b. Ge \_\_\_\_\_
  - c. Rb \_\_\_\_\_
  - d. I \_\_\_\_\_
- 4) What group are the following elements in?
  - a. Sulfur \_\_\_\_\_
  - b. Ca \_\_\_\_\_
  - c. Iodine \_\_\_\_\_
  - d. Fe \_\_\_\_\_
- 5) Give an atom with the following characteristics.
  - a. Halogen \_\_\_\_\_
  - b. Metalloid \_\_\_\_\_
  - c. Alkali metal \_\_\_\_\_
  - d. Boron \_\_\_\_\_
  - e. Lanthanide series \_\_\_\_\_
  - f. Alkaline Earth metal \_\_\_\_\_
  - g. Transition metal \_\_\_\_\_
  - h. Nobel gas \_\_\_\_\_
- 6) What is the mass number of carbon?  
\_\_\_\_\_
- 7) Which atom has the lowest atomic mass?  
\_\_\_\_\_
- 8) Name an element with 7 valence electrons in its 3<sup>rd</sup> energy level.  
\_\_\_\_\_

Name : \_\_\_\_\_ Date : \_\_\_\_\_

# Periodic Table Practice

## Answers

- 1) What is the atomic symbol for silver? Ag
- 2) What is the atomic mass of mercury? Hg
- 3) What period are the following elements in?
  - a. He 1
  - b. Ge 4
  - c. Rb 5
  - d. I 5
- 4) What group are the following elements in?
  - a. Sulfur 16
  - b. Ca 2
  - c. Iodine 17
  - d. Fe 8
- 5) Give an atom with the following characteristics.
  - a. Halogen Cl
  - b. Metalloid Si
  - c. Alkali metal Na
  - d. Boron Ga
  - e. Lanthanide series Eu
  - f. Alkaline Earth metal Mg
  - g. Transition metal Ti
  - h. Nobel gas Ar
- 6) What is the mass number of carbon?  
12
- 7) Which atom has the lowest atomic mass?  
Hydrogen
- 8) Name an element with 7 valence electrons in its 3<sup>rd</sup> energy level.  
Chlorine