

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

# PERIODIC TABLE FACTS

- 1 Horizontal rows are called \_\_\_\_\_.
- 2 Vertical columns are called \_\_\_\_\_.
- 3 Elements in the same \_\_\_\_\_ have similar properties.
- 4 Elements belonging to the same family have the same number of \_\_\_\_\_ electrons.
- 5 Which element in Period 2 has the least mass? \_\_\_\_\_
- 6 Which element in Period 2 has the most mass? \_\_\_\_\_
- 7 To which group/family does each of these belong?
  - (A) Sulfur \_\_\_\_\_
  - (B) Sodium \_\_\_\_\_
  - (C) Argon \_\_\_\_\_
  - (D) Silicon \_\_\_\_\_
  - (E) Chlorine \_\_\_\_\_
  - (F) Phosphorous \_\_\_\_\_
- 8 The symbol for iron is Fe. Find iron in the periodic table and answer the following questions.
  - (A) What is the atomic number of iron? \_\_\_\_\_
  - (B) To which period does iron belong? \_\_\_\_\_
  - (C) To which group does iron belong? \_\_\_\_\_
  - (D) Name the elements that have properties like iron.  
\_\_\_\_\_

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

# PERIODIC TABLE FACTS

## Answers

- 1 Horizontal rows are called periods.
- 2 Vertical columns are called groups.
- 3 Elements in the same group have similar properties.
- 4 Elements belonging to the same family have the same number of valence electrons.
- 5 Which element in Period 2 has the least mass? Lithium
- 6 Which element in Period 2 has the most mass? Neon
- 7 To which group/family does each of these belong?
  - (A) Sulfur 16
  - (B) Sodium 1
  - (C) Argon 18
  - (D) Silicon 14
  - (E) Chlorine 16
  - (F) Phosphorous 15
- 8 The symbol for iron is Fe. Find iron in the periodic table and answer the following questions.
  - (A) What is the atomic number of iron? 26
  - (B) To which period does iron belong? 4
  - (C) To which group does iron belong? 8
  - (D) Name the elements that have properties like iron.  
Cobalt      Nickel      Zinc      Copper