Circle the letter of the correct answer.

1. A substance made up entirely of a single type of atom is which of the following?

2. The smallest unit of any element is which of the following?

3. Different elements are chemically bonded together in ____________.

4. Fluorine is represented by which of the following chemical symbols? _____.
   a. F  b. Fe  c. Fi  d. Fl

5. The compound: C₆H₁₂O₆ contains how many atoms of oxygen?
   a. 4  b. 6  c. 12  d. 24

6. Which of the following is a compound?
   a. Oxygen  b. Gold  c. Sodium Chloride  d. Sodium

7. Two or more atoms are bonded together are referred to as a(n) ____________.

8. When a chemical bond is broken, what is released?

9. How many compounds are shown in the chemical equation: C + O₂ →CO₂
   a. 1  b. 2  c. 3  d. 4

10. Which of the following terms refers to the smallest part of a compound that has all the properties of that compound?
11. An atom that has 9 protons, 8 neutrons, and 9 electrons will have an atomic mass of how many amu?
   a. 6       b. 8       c. 9       d. 17

12. An atom with an atomic number of 7 and a mass number of 8 is which element?

13. Usually, the atom described in Problem 12 will have how many electrons?
   a. 4       b. 7       c. 8       d. 15

14. An atom of Magnesium has how many protons?
   a. 12      b. 20      c. 24      d. 25

15. When an atom becomes a compound, a ________ forms.

Fill in the blanks in the table below.

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References

1. www.EasyTeacherWorksheets.com
MINISTRY OF EDUCATION
SECONDARY ENGAGEMENT PROGRAMME
GRADE 10
CHEMISTRY

Week 2
Worksheet 1 - Answers

1. D
2. A
3. A
4. A
5. B
6. C
7. D
8. B
9. A
10. D
11. D
12. B
13. B
14. A
15. A

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