

Core Chemistry
Blackline Master 1A – Quiz

Circle the correct answer(s).

1. The art and science of chemistry is
 - a. Changing one element into another, as lead into gold
 - b. To form new combinations of the elements and take apart existing ones
 - c. Both of the above
2. The science of chemistry until the atomic structure of matter was understood.
 - a. True
 - b. False
3. The first chemical reaction produced by humans started with
 - a. Bronze
 - b. Iron
 - c. Wood
 - d. Water
4. Bronze is made by alloying
 - a. Silver and tin
 - b. Copper and silver
 - c. Silver and gold
 - d. Copper and tin
5. One of the founders of modern chemistry was Robert Boyle.
 - a. True
 - b. False
6. The first battery was made from
 - a. Carbon
 - b. Dissimilar metals
 - c. Electrolysis
7. Water is an element.
 - a. True
 - b. False
8. Alchemists were known for sharing their knowledge.
 - a. True
 - b. False

9. Who started the modern atomic theory of matter?
- Joseph Priestley
 - Henry Cavendish
 - John Dalton
10. The term “organic chemistry” was coined by
- Robert Boyle
 - Friedrich Wohler
 - John Dalton
 - Baron Jons Jacob Berzelius
11. In 1935, DuPont Labs produced a silk-like synthetic polymer called
- Rayon
 - Nylon
 - Neon
12. Plastics are used in the production of
- Plexiglass
 - Styrofoam
 - Polyester products
 - All of the above
13. Which of these are noble gases?
- Helium
 - Hydrogen
 - Neon
14. The periodic chart shows that elements are arranged randomly.
- True
 - False
15. Scientists can only discover existing elements.
- True
 - False
16. Reactions always move from a higher energy state to lower energy state.
- True
 - False

17. Heat is
- a. Oxidation
 - b. A polymer
 - c. A catalyst
 - d. None of the above