2020-1st nine life saver

Multiple Choice

Identify the choice that best completes the statement or answers the question.

____ 1. Which skill are you using when you use your five senses to gather information?
   a. posing questions
   b. observing

____ 2. Facts, figures, and other evidence learned through observation are called
   a. questions.
   b. data.

____ 3. A hypothesis is
   a. a possible explanation for observations.
   b. a factor that is changed during an experiment.

____ 4. In an experiment, the variable that changes as a result of changes in the independent variable is the
   a. controlled variable.
   b. dependent variable.

____ 5. In a controlled experiment, a scientist is studying how long it takes parachutes of different sizes to fall to the ground. What is the independent variable?
   a. the size of the parachute
   b. the height from which the parachute is dropped

____ 6. Two or more substances combined so that each substance maintains its own properties is a(n)_____.
   a. material
   b. mixture

____ 7. Matter that is composed of only one kind of atom is called a(n) _____.
   a. mixture
   b. element

____ 8. Matter composed of two or more kinds of atoms always joined together in the same ratio is a(n) _____.
   a. compound
   b. element

____ 9. A characteristic that depends on the reaction of a substance to form other substances is a(n) _____.
   a. physical property
   b. chemical property

____ 10. A mixture that has the substance evenly distributed throughout is called_____.
   a. a solution
   b. a suspension