

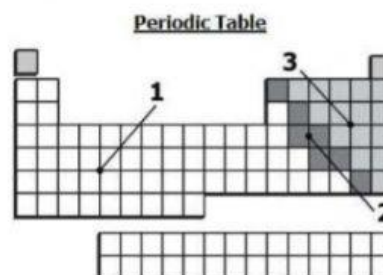
34. Two or more substances physically combined make a(n) _____.

35. Dalton believed that:

- a. Atoms of the same element are the _____.
- b. Atoms of each element have a _____ mass.
- c. Atoms of different elements are different.
- d. Elements can combine to form _____.
- e. Compounds could be broken apart in to separate _____.

36. Label the sections of the periodic table:

- a. 1 _____
- b. 2 _____
- c. 3 _____



37. Group 1 will form bonds with group _____ to have a full outer shell of _____ electrons.

38. An atom that has become charged by gaining or losing an electron is called a(n) _____, a group of atoms with a charge is called a _____ ion.

39. You dropped a glass and it breaks, so the shape of the glass has changes, but the properties of the fragments remain the same. This is an example of a _____.

40. The step of the scientific method that is an educated best guess or prediction of what will happen is the _____.

41. You know these facts about an element. It is a gas, it has 10 protons and it is used in lights. Which of these facts is most valuable in helping you identify the element? _____ . From that fact you know the element is _____

42. The particle theory of matter (The Kinetic Theory) states that all matter is made of tiny _____ that are in constant random _____.