

Name _____

Date _____

Intro to Chemistry Vocabulary Terms

- 1 _____ A pure substance in which all the atoms are the same
- 2 _____ A pure substance in which two or more different elements are chemically combined
- 3 _____ Mixtures in which the substances are evenly mixed throughout
- 4 _____ Mixtures in which the separate parts can be distinguished from each other
- 5 _____ Has a definite shape and volume
- 6 _____ Has a definite volume but takes the shape of its container
- 7 _____ Takes both its shape and volume from its container
- 8 _____ When a solid changes directly into a gas
- 9 _____ When a gas turns into a liquid
- 10 _____ When a gas turns directly into a solid
- 11 _____ Change in which the chemical composition remains the same
- 12 _____ Change in which the chemical composition changes and a new substance is produced
- 13 _____ Substances that react together during a chemical reaction
- 14 _____ Substances that are produced during a chemical reaction
- 15 _____ Specific regions in which electrons orbit the nuclear of an atom
- 16 _____ Electrons found in the outer energy level of an atom
- 17 _____ Chemical bonds formed when metals and non-metals exchange electrons
- 18 _____ Chemical bonds formed when non-metals share electrons

- 19 _____ Weak chemical bonds formed when a hydrogen atom bonds with an oxygen or nitrogen on another polar molecule
- 20 _____ Molecules in which the electrons are not shared equally resulting in opposite charges on each end of the molecule
- 21 _____ Chemical capable of speeding up a reaction without being changed by the reaction
- 22 _____ Chemical capable of restoring pH values to their normal value
- 23 _____ Chemical with a pH of 7
- 24 _____ Chemical that removes H ions from the water, taste bitter, and has a pH above 7
- 25 _____ Chemical that releases H ions when dissolved in water, taste sour, and have a pH below 7