

## Elements, Compounds, and Mixtures

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Complete each sentence with the correct word:

element  
alloy  
solution  
saturated  
solvent  
metals  
concentration

jelly  
suspension  
pure substance  
physical  
mixture  
colloid  
solute

salt water  
compound  
hydroxide  
copper  
homochole  
heterogeneous

1. A \_\_\_\_\_ mixture has particles that can be easily seen and distinguished from the rest of the mix.
2. A \_\_\_\_\_ has particles spread throughout but they are so small and light they do not settle to the bottom.
3. A \_\_\_\_\_ is a combination of two or more substances.
4. A solution that has all its contents dissolved is \_\_\_\_\_.
5. An example of a colloid is \_\_\_\_\_.
6. A \_\_\_\_\_ has only one type of atom or particle in it.
7. \_\_\_\_\_ are called semiconductors, they have some properties of both the other two groups.
8. A \_\_\_\_\_ is a pure substance composed of two or more elements that are chemically combined.
9. A \_\_\_\_\_ is a mixture in which the particles are spread out through the liquid but are large enough to settle to the bottom.
10. Compounds cannot be broken down by \_\_\_\_\_ changes.
11. The \_\_\_\_\_ is the substance that does the dissolving.
12. An example of a metal is \_\_\_\_\_.
13. When much solute is dissolved in a solution is a measure of its \_\_\_\_\_.
14. \_\_\_\_\_ are elements that are dull and poor conductors of electricity.
15. A \_\_\_\_\_ is a mixture that appears to be a single substance.
16. An \_\_\_\_\_ is a pure substance that cannot be separated by physical or chemical means.
17. An example of a solution is \_\_\_\_\_.
18. A \_\_\_\_\_ is a solid solution.
19. The \_\_\_\_\_ is the substance that is dissolved.
20. \_\_\_\_\_ are elements that are shiny and good conductors of electricity.