

Chemistry 11 Unit 1 Review

Across

- 8. depends on the amount
- ✓10. particles are in close contact but have enough room to slide past one another - ATOM
- ✓12. smallest unit of an element - LIQUID
- ✓13. liquid to gas - EVAPORATION
- ✓19. more than one phase - HETEROGENEOUS
- ✓21. can experience drastic changes in volume - GAS
- ✓22. separation using different boiling points - DISTILLATION
- ✓26. cannot be separated into simpler substances by any chemical process - ELEMENT
- 28. depends on the nature of the substance, not the amount

Down

- ✓1. uses a saturated solution - RECRYSTALLIZATION
- ✓2. uses density to help with separation - CENTRIFUGE
- ✓3. only one phase - HOMOGENEOUS
- ✓4. a tentative answer - HYPOTHESIS
- ✓5. made up of 2 or more types of atoms - COMPOUND
- ✓6. separation of liquids and solids - EXTRACTION
- ✓7. science concerned with the properties, composition and behavior of matter - CHEMISTRY
- ✓9. homogeneous mixture of 2 or more substances - SOLUTION
- ✓11. explains why - THEORY
- ✓14. resistance of a fluid to flow - VISCOSITY
- ✓15. solid to gas - SUBLIMATION
- ✓16. gas to solid - DEPOSITION
- ✓17. solid to liquid - MELT
- ✓18. liquid to solid - SOLIDIFY
- ✓20. anything that has mass and occupies space - MATTER
- ✓23. possesses a charge - ION
- ✓24. information collected through the use of our senses - OBSERVATION
- ✓25. gas to liquid - CONDENSATION
- ✓27. 2 or more atoms held together by electrical forces - MOLECULE
- ✓29. particles are packed in an organized and rigid manner - SOLID

1 R E C R Y S T A L L I Z A T I O N
 2 E N T R E P R I S E
 3 H O M O G E N E O U S
 4 H Y P O T H E S I S
 5 C O M P O S I T E
 6 E X T R A C T I O N
 7 C H E M I S T R Y
 8 E X T E N S I V E
 9 S O L I D
 10 L I Q U I D
 11 T H E R M O D I N A M I C S
 12 A T O M I C
 13 E V A P O R A T I O N
 14 I O N I Z A T I O N
 15 S U B L I M A T I O N
 16 D I F F U S I O N
 17 M I X T U R E
 18 S I M U L T A N E O U S
 19 H E T E R O G E N E O U S
 20 M A T T E R
 21 G A S
 22 I S T I L L A T I O N
 23 I O N
 24 B S E R V A T I O N
 25 C O N D E N S A T I O N
 26 E L E M E N T
 27 M O L E C U L E
 28 I N T E N S I V E
 29 S I M U L T A N E O U S