

Chemistry

Scarsdale Alternative School

Chapter 16: Solutions

Essential and Key Questions

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Vocabulary

1. Saturated solution
2. Solubility
3. Unsaturated solution
4. Miscible
5. Immiscible
6. Supersaturated solution
7. Henry's law
8. Concentration
9. Dilute solution
10. Concentrated solution
11. Molarity
12. Colligative property
13. Freezing-point depression
14. Boiling-point elevation
15. Molality
16. Mole fraction
17. Molal freezing-point depression constant (K_f)
18. Molal boiling-point elevation constant (K_b)

Reading

Pages: 516-547

Homework

Page 548-552: 49, 50, 51, 53, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 67, 68, 74, 75, 77, 78, 81 (use graphical analysis), 85, 86, 87, 89, 90, 92, 94, 96, 97, 100, 108, 112, 116, 118, 120