Answers to page 870: Concentration and molarity

Solutions

- 1. 0.1249 M
- 2. 1.1 M
- 3. 0.413 mol
- 4. 0.571 M
- 5. 0.0146 M
- 6. a. 40.00 g/mol
 - **b**. 0.167 M
- 7. 0.953 M
- 8. 343 g
- 9. 1140 g
- 10. 0.143 mol
- 11. a. 132.2 g
 - **b.** 4.003 M
- 12. a. 169.88 g/mol
 - **b.** $1.0 \times 10^{2} \text{ mL}$
- **13. a.** 142.0 g
 - **b.** 0.113 mol
- 14. a. 192 g
 - **b.** 0.000391 M
- **15. a.** 75 g
 - **b.** 160 g
- **16. a.** 40.00 g
 - **b.** 0.435 M
- 17. d, a, b, c