

Solutions Answer Key

Solubility Curves

1. KClO_3
2. 100g
3. 126g
4. NaCl
5. saturated
6. 20g
7. NH_3
8. KI
9. CClO_3
10. NaCl
11. temp increases, solubility increases
12. NH_3 , SO_2 they are gases temp increases and solubility decreases
13. 87g
14. 124g
15. 510g
16. 23°C
17. 48g
18. 130g
19. 98g

Molarity

1. 1M
2. .12M
3. 101g
4. .28L
5. 2.5g

Molality

1. 2.0m
2. 0.22m
3. 0.12m
4. 3.8g
5. 135g

Colligative Properties

1. 100.45°C
2. -1.6°C
3. 108.4°C
4. 147g