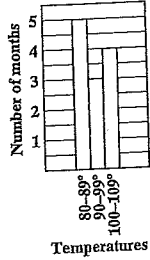


Chapter 7 Vocabulary Check

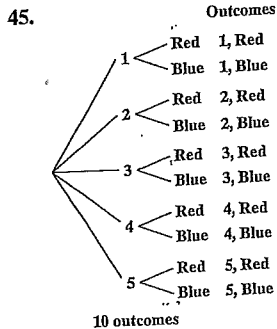
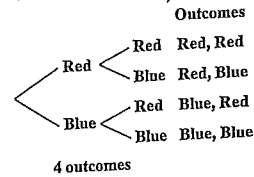
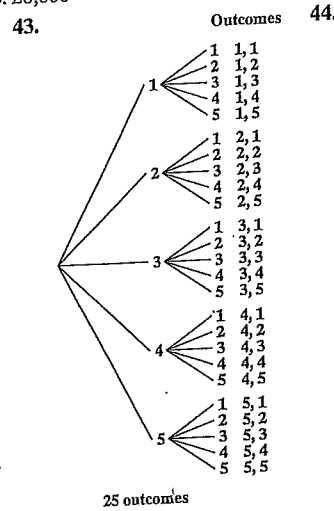
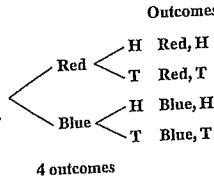
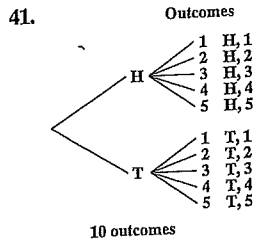
1. bar 2. mean 3. outcomes 4. pictograph 5. mode 6. line 7. median 8. tree diagram 9. experiment
 10. circle 11. probability 12. histogram; class interval; class frequency

Chapter 7 Review

1. 1,500,000 2. 2,000,000 3. South 4. Midwest 5. South 6. Northeast, Midwest, West 7. 11% 8. 2008
 9. 1990, 2000, 2008 10. answers may vary 11. 960 12. 920 13. 930 14. 815 15. 25 16. 145 17. 1 employee 18. 4 employees 19. 18 employees
 20. 9 employees 21. ||||; 5 22. ||||; 3 23. ||||; 4 24.



27. \$1225 28. \$700 29. $\frac{39}{160}$ 30. $\frac{7}{40}$ 31. 38 32. 18 33. 1 34. 4 35. mean: 17.8; median: 14; no mode 36. mean: 58.1; median: 60;
 mode: 45 and 86 37. mean: 24,500; median: 20,000; mode: 20,000 38. mean: 447.3; median: 420; mode: 400 39. 3.25 40. 2.57



46. $\frac{1}{6}$ 47. $\frac{1}{6}$ 48. $\frac{1}{5}$ 49. $\frac{1}{5}$ 50. $\frac{3}{5}$ 51. $\frac{2}{5}$ 52. $\frac{1}{2}$ 53. $\frac{1}{2}$ 54. mean: 74.4; median: 73; mode: none
 55. mean: 48.8; median: 32; mode: none 56. mean: 454; median: 463.5; mode: 500 57. mean: 619.17; median: 647
 mode: 327 58. $\frac{1}{4}$ 59. $\frac{3}{8}$ 60. $\frac{1}{4}$ 61. $\frac{1}{8}$

Chapter 7 (Cumulative Review)

- Cumulative Review 1. 28 (Sec. 1.9, Ex. 14) 2. 12 3. $\frac{5}{18}$ (Sec. 2.3, Ex. 4) 4. $\frac{7^8}{40}$ 5. $8\frac{3}{10}$ (Sec. 3.4, Ex. 3) 6. $\frac{34}{3}$ or $11\frac{1}{3}$ 7. 8.4 sq ft (Sec. 4.6, Ex. 10)
 8. 10 m 9. a. 3 b. 15 c. 0 d. 70 (Sec. 1.4, Ex. 1) 10. a. 0 b. 20 c. 0 d. 20 11. 249,000 (Sec. 1.5, Ex. 3) 12. 249,000 13. a. 200
 b. 1230 (Sec. 1.6, Ex. 3) 14. 373 R 24 15. \$6171 (Sec. 1.8, Ex. 3) 16. 16,591 ft 17. $3 \cdot 3 \cdot 5$ or $3^2 \cdot 5$ (Sec. 2.2, Ex. 3) 18. 8 19. 0.046 (Sec. 5.2, Ex. 4)
 20. 0.0029 21. 1.9 (Sec. 5.2, Ex. 5) 22. 4.52 23. $\frac{2}{5}$ (Sec. 5.3, Ex. 1) 24. $\frac{27}{100}$ 25. $\frac{1}{3}$ (Sec. 5.3, Ex. 4) 26. $\frac{107}{175}$ 27. $5 = n \cdot 20$; (Sec. 5.4, Ex. 1)
 28. $\frac{5}{20} = \frac{P}{100}$ 29. sales tax: \$6.41; total price: \$91.91 (Sec. 5.7, Ex. 1) 30. \$1610 31. \$2400 (Sec. 5.8, Ex. 3) 32. 33.75 33. 42° (Sec. 6.1, Ex. 4)
 34. 132° 35. $\frac{1}{6}$ (Sec. 6.6, Ex. 2) 36. $\frac{1}{5}$ 37. 14,77 (Sec. 7.3, Ex. 5) 38. 56 39. $\frac{1}{4}$ (Sec. 7.4, Ex. 3) 40. $\frac{3}{5}$