

Answer Key

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|-----------|--|--|
| 1. 129 | 35. 2.38 | 63. A |
| 2. 350 | 36. 0.56 | 64. C |
| 3. 42 | 37. 1.67 | 65. C |
| 4. 186 | 38. 2.99 | 66. C |
| 5. 74 | 39. 1.99 | 67. B |
| 6. 78 | 40. 1.96 | 68. B |
| 7. 287 | 41. 1, 3, 23, 69 | 69. C |
| 8. 360 | 42. 1, 2, 5, 7, 10, 14, 35, 70 | 70. A |
| 9. 301 | 43. 1, 2, 4, 17, 34, 68 | 71. $32 + 27 = 59$ |
| 10. 98 | 44. 1, 2, 29, 58 | 72. $6 + 44 = 50$ (lb) |
| 11. 104 | 45. 1, 3, 7, 9, 21, 63 | 73. $19 + 47 = 66$ |
| 12. 264 | 46. 1, 2, 3, 6, 11, 22, 33, 66 | 74. $140 - 104 = \underline{36}$ |
| 13. 140 | 47. 1, 2, 37, 74 | 75. $43 - 25 = 18$
$25 - 18 = \underline{7}$ |
| 14. 100 | 48. 1, 2, 4, 8, 16, 32, 64 | 76. $20 \div 5 = 4$ |
| 15. 108 | 49. 1, 5, 13, 65 | 77. $4 \times 240 = \underline{960}$ lb |
| 16. 150 | 50. 23, 29, 31, 27 | 78. $4 \times 45 = 180$ kg |
| 17. 120 | 51. $\frac{6}{8} = \frac{3}{4}$ | 79. $60 \times 10 \times 2 = 1200$ |
| 18. 68 | 52. $\frac{12}{16} = \frac{3}{4}$ | 80. $125 \times 4 = 500$ |
| 19. 200 | 53. $\frac{36}{48} = \frac{3}{4}$ | 81. $40 \div 5 = 8$ |
| 20. 405 | 54. $\frac{64}{144} = \frac{4}{9}$ | 82. $6 \times 3 = 18$ |
| 21. 6.05 | 55. $\frac{40}{60} = \frac{2}{3}$ | 83. $12 \div 6 = 2$ |
| 22. 5.1 | 56. $\frac{45}{60} = \frac{3}{4}$ | 84. $20 \div 6 = 3$ R 2
$3 + 1 = 4$ |
| 23. 5.06 | 57. $\frac{50}{75} = \frac{2}{3}$ | 85. $18 \div 3 = 6$
$6 + 5 = 11$
$11 + 5 = \underline{16}$ |
| 24. 11.22 | 58. $\frac{192}{640} = \frac{12}{40} = \frac{3}{10}$ | 86. 6 faces |
| 25. 10.23 | 59. $\frac{250}{625} = \frac{2}{5}$ | 87. 12 edges |
| 26. 5.23 | 60. $\frac{160}{960} = \frac{1}{6}$ | 88. 8 vertices |
| 27. 9.22 | 61. $\frac{160}{96} = \frac{5}{3}$ | 89. $10 \times 5 \times 2 = 100$ in ³ |
| 28. 7.16 | 62. $\frac{90}{150} \xrightarrow{\div 10} \frac{9}{15} \xrightarrow{\div 3} \frac{3}{5}$ | 90. OF ROOT BEER |
| 29. 10.27 | | |
| 30. 5.25 | | |
| 31. 3.68 | | |
| 32. 3.75 | | |
| 33. 0.77 | | |
| 34. 2.67 | | |

Answer Key

1. 117
2. 84
3. 144
4. 200
5. 376
6. 270
7. 240
8. 123
9. 184
10. 329
11. 8.27
12. 11.24
13. 6.22
14. 9.25
15. 8.26
16. 1.88
17. 2.88
18. 0.82
19. 0.78
20. 2.97
21. $\frac{33}{77} = \frac{3}{7}$
22. $\frac{625}{1000} = \frac{5}{8}$
23. $\frac{18}{24} = \frac{3}{4}$
24. $\frac{15}{45} = \frac{1}{3}$
25. $\frac{36}{120} = \frac{3}{10}$
26. $\frac{384}{512} = \frac{48}{64} = \frac{3}{4}$
27. $\frac{48}{60} = \frac{4}{5}$
28. $\frac{48}{72} = \frac{2}{3}$
29. $\frac{36}{48} = \frac{3}{4}$
30. $5.5 = 5 \frac{5}{10} \xrightarrow{\text{reduce}} 5 \frac{1}{2}$
31. $1.25 = 1 \frac{25}{100} \xrightarrow{\text{reduce}} 1 \frac{5}{20} \xrightarrow{\text{reduce}} 1 \frac{1}{4}$
32. $\frac{35}{100} = \frac{7}{20}$
33. $0.2 = \frac{1}{5}$
34. $0.7 = \frac{7}{10}$
35. $0.4 = \frac{2}{5}$
36. $0.9 = \frac{9}{10}$
37. $0.5 = \frac{1}{2}$
38. $0.10 = \frac{1}{10}$
39. $0.6 = \frac{6}{10} = \frac{3}{5}$
40. $0.12 = \frac{12}{100} = \frac{3}{25}$
41. Bobcats won
B: $7 + 3 + 6 + 8 = 24$
G: $10 + 6 + 3 = 19$
42. $24 + 47 + 69 = 140$ kg
43. $4\frac{1}{2}$
44. $120 - 85 = \$35$
45. $206 + 36 - 28 = 214$
46. $24 \times 5 = 120$ students
47. $2300 + 1900 = 4200$
 $2300 + 4200 = 6500$
48. $3 \times 3 + 2 \times 2 = \13
49. $20 - 2 \times 3 = 14$
 $14 \div 2 = 7$
50. $5 \times 4 \times 6 = 120$
 $120 \div 20 = 6$ jars
51. 6
52. $51 \div 3 = 17$ cans
53. $300 \div 5 = 60$ mph
54. Otter
55. 2.4
56. 2
kangaroo and polar bear
57. 1.2 m
 $2.4 - 1.2 = 1.2$
58. polar bear
59. 5.6 m
 $7 - 1.4 = 5.6$
60. $20 \times 10 = 200$
 $20 - 2 \times 2 = 16$
61. $75 - 53 = 22$ ¢
62. $7 \times 20 = 140$
63. $2 \times 4 \times 30 = \$240$
64. $\frac{1}{5}$
65. 46 (Each number is 7 greater than the previous one.)
66. A: 4
B: 8
C: 7
 $7 \times 4 = 28$
67. $32 \times \frac{1}{2} = 16$
68. $2 \times 32 = 64$
 $\frac{1}{4} \times 64 = 16$
 $64 - 16 = 48$
69. a) 2
b) 4
c) 22
70. A, C
71. 2 quarters and 5 dimes
72. $52 \div 2 = 26$
73. $2002 - 1843 = 159$
74. $12 + 6 = 18$
 $18 \div 3 = 6$ cakes
75. $36 \div 4 = 9$
 $9 \times 9 = 81$ cm²
76. $50 \times 2 = 100$
 $100 \times 4 = 400$
 $400 \times 7 = 2800$
77. $4 \times 30 = 120$
 $3 \times 25 = 75$
 $120 - 75 = 45$
78. $\frac{1}{4} \times 20 = 5$
 $20 - 5 = 15$
79. $(4 + 3 + 7 + 6) \div 4 = 5$
pounds
80. $30 \div 15 = 2$
 $2 \times 7 = 14$

Answer Key

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|---------------------|----------------------|---|
| 1. (D) antecedent | 43. (B) parry | 85. (D) recognize |
| 2. (B) adventurous | 44. (C) pose | 86. (F) sloe |
| 3. (E) antecedent | 45. (E) roam | 87. (B) parry |
| 4. (A) addicted | 46. (C) posed | 88. (G) subterranean |
| 5. (C) akin | 47. (A) omission | 89. (H) threshold |
| 6. (D) antecedent | 48. (E) roam | 90. (J) yearling |
| 7. (E) antecedents | 49. (D) recognized | 91. D |
| 8. (C) akin | 50. (B) parried | 92. A |
| 9. (A) addicted | 51. (C) threshold | 93. B |
| 10. (B) adventurous | 52. (A) sloe | 94. D |
| 11. (B) biased | 53. (D) unrest | 95. A |
| 12. (D) clarion | 54. (E) yearling | 96. D |
| 13. (E) conquer | 55. (B) subterranean | 97. A |
| 14. (C) bristle | 56. (D) unrest | 98. D |
| 15. (A) attribute | 57. (C) threshold | 99. D |
| 16. (D) clarion | 58. (A) sloe | 100. B |
| 17. (B) biased | 59. (B) subterranean | 101. A |
| 18. (C) bristled | 60. (E) yearling | 102. B homophones |
| 19. (E) conquered | 61. (A) addicted | 103. A antonyms |
| 20. (A) attribute | 62. (C) akin | 104. C same class |
| 21. (D) filthy | 63. (I) clarion | 105. B homophones |
| 22. (B) dispatch | 64. (J) conquer | 106. C part/whole |
| 23. (C) emotion | 65. (B) adventurous | 107. A synonyms |
| 24. (E) gaze | 66. (D) antecedent | 108. B antonyms |
| 25. (A) decorous | 67. (E) antecedent | 109. C homophones |
| 26. (D) filthy | 68. (G) biased | 110. B |
| 27. (B) dispatch | 69. (F) attribute | 111. syn key: C E A D B
ant key: A B D E C |
| 28. (C) emotions | 70. (H) bristle | 112. syn key: D C B A E
ant key: D A B C E |
| 29. (E) gazed | 71. (E) gaze | 113. syn key: C E A D B
ant key: C A B D E |
| 30. (A) decorous | 72. (I) manner | 114. syn key: C E A D B
ant key: D E A B C |
| 31. (B) incidence | 73. (H) kin | |
| 32. (A) hew | 74. (A) decorous | |
| 33. (E) mourn | 75. (J) mourn | |
| 34. (C) kin | 76. (B) dispatch | |
| 35. (D) manner | 77. (C) emotion | |
| 36. (E) mourned | 78. (D) filthy | |
| 37. (C) kin | 79. (F) hew | |
| 38. (B) incidences | 80. (G) incidence | |
| 39. (D) manner | 81. (C) pose | |
| 40. (A) hew | 82. (A) omission | |
| 41. (A) omission | 83. (E) roam | |
| 42. (D) recognize | 84. (I) unrest | |

Answer Key

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|----------------------|---------------------|---|
| 1. (B) advocate | 42. (D) reform | 83. (F) sloth |
| 2. (D) antibiotic | 43. (E) roost | 84. (I) unrivaled |
| 3. (C) alarm | 44. (A) omit | 85. (D) reform |
| 4. (E) antique | 45. (B) partiality | 86. (J) yield |
| 5. (A) adjacent | 46. (D) reformed | 87. (C) position |
| 6. (A) adjacent | 47. (B) partiality | 88. (E) roost |
| 7. (E) antique | 48. (C) positioned | 89. (G) succulent |
| 8. (B) advocates | 49. (E) roost | 90. (H) thrice |
| 9. (C) alarm | 50. (A) omitted | 91. A |
| 10. (D) antibiotic | 51. (B) succulent | 92. A |
| 11. (D) clarity | 52. (E) yield | 93. D |
| 12. (E) consequence | 53. (C) thrice | 94. D |
| 13. (A) audition | 54. (D) unrivaled | 95. D |
| 14. (B) bicker | 55. (A) sloth | 96. A |
| 15. (C) browse | 56. (C) thrice | 97. B |
| 16. (C) browsing | 57. (D) unrivaled | 98. B |
| 17. (A) audition | 58. (E) yield | 99. A |
| 18. (B) bicker | 59. (A) sloth | 100. A |
| 19. (D) clarity | 60. (B) succulent | 101. D |
| 20. (E) consequences | 61. (B) advocate | 102. B |
| 21. (E) gazebo | 62. (C) alarm | 103. D |
| 22. (D) fleece | 63. (F) audition | 104. B |
| 23. (C) enchant | 64. (G) bicker | 105. C |
| 24. (A) decree | 65. (J) consequence | 106. A |
| 25. (B) dispute | 66. (E) antique | 107. B |
| 26. (A) decree | 67. (A) adjacent | 108. C |
| 27. (E) gazebo | 68. (D) antibiotic | 109. B |
| 28. (D) fleece | 69. (H) browse | 110. A |
| 29. (C) enchanted | 70. (I) clarity | 111. syn key: C B A E D
ant key: B E D C A |
| 30. (B) dispute | 71. (D) fleece | 112. syn key: A C E B D
ant key: D C B E A |
| 31. (C) knell | 72. (E) gazebo | 113. syn key: C D B E A
ant key: A B C E D |
| 32. (B) incomplete | 73. (I) marked | 114. syn key: E D B A C
ant key: B A E C D |
| 33. (E) mouthful | 74. (J) mouthful | |
| 34. (D) marked | 75. (F) hibernate | |
| 35. (A) hibernate | 76. (C) enchant | |
| 36. (E) mouthfuls | 77. (H) knell | |
| 37. (B) incomplete | 78. (A) decree | |
| 38. (D) marked | 79. (B) dispute | |
| 39. (A) hibernate | 80. (G) incomplete | |
| 40. (C) knell | 81. (A) omit | |
| 41. (C) position | 82. (B) partiality | |