

# Answer Key

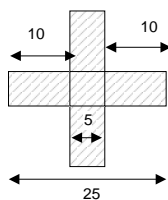
- |  |   |   |
|--|---|---|
| 1. 7.2   | 29. $70 - 44 = \$26$  | 51. $28 \div 4 = 7$<br>$3 \times 7 = 21$  |
| 2. 15.15   | 30. $192 \div 8 = 24$   | 52. $4 \times 2.5 = \underline{\$10}$   |
| 3. 9.36  | 31. $30 \div 6 = 5$ groups  | 53. $26 - 16 = 10$<br>$10 \div 2 = \underline{5}$   |
| 4. 11.64   | 32. $120 \div 2 = 60$<br>$120 \div 3 = 40$<br>$60 + 40 = 100$<br>$120 - 100 = \underline{20}$ | 54. $5 \times 6 + 10 = 40$ bars   |
| 5. 7.45  | 33. $17 \times 7 = 119$ stamps  | 55. $3.5 \times 4 = \$14$<br>$20 - 14 = \$6.00$   |
| 6. 9.89  | 34. $105 \div 7 = 15$   | 56. $5 \times 6 = 30$<br>$30 \div 2 = 15$ days  |
| 7. 14.12   | 35. $95 + 91 + 84 = 270$<br>$270 \div 3 = \underline{90}$                                     | 57. $4 \times 1.5 = 6$<br>$10 - 6 = \underline{\$4.00}$                                       |
| 8. 13.22   | 36. $125 \div 8 = 15R5$<br>$15 + 1 = 16$ trays  | 58. 10  |
| 9. 2.09  | 37. $8 + 5 = \underline{13}$  | 59. $18 \div 3 = 6$<br>$21 \div 3 = 7$<br>$6 \times 7 = \underline{42}$                       |
| 10. 0.18   | 38. $15 \div 3 = 5$<br>$5 \times 4 = 20$ ft   | 60. $96 \div 6 = 16$<br>$16 \times 2 \times 2 = 64$   |
| 11. 1, 3, 5, 9, 15, 45   | 39. $5 - 1 = \underline{4}$   | 61. $\frac{1}{4}, 25$   |
| 12. 1, 5, 7, 35  | 40. a) $91 - 42 = 49$<br>b) $42 - 35 = 7$<br>c) $91 - 35 = 56$                                | 62. $60 \times 60 \times \frac{3}{4} = \underline{2700 \text{ sec}}$                          |
| 13. 1, 2, 3, 4, 6, 9, 12, 18, 36   | 41. $0.8 = \frac{4}{5}$   | 63. $32 \div 4 = 8$<br>$8 \times 8 = \underline{64}$  |
| 14. 1, 2, 4, 5, 8, 10, 20, 40  | 42. $0.24 = \frac{24}{100} = \frac{6}{25}$  | 64. Tom   |
| 15. 1, 3, 11, 33   | 43. $0.25 = \frac{25}{100} = \frac{1}{4}$   | 65. 45  |
| 16. 1, 3, 13, 39   | 44. $0.36 = \frac{36}{100} = \frac{9}{25}$  | 66. 10  |
| 17. 1, 2, 19, 38   | 45. $\frac{4}{6} = \frac{16}{24} > \frac{15}{24} = \frac{5}{8}$                               | 67. 12  |
| 18. 1, 2, 4, 11, 22, 44  | 46. $\frac{2}{5} = \frac{14}{35} < \frac{15}{35} = \frac{3}{7}$                               | 68. Chris = $22 - 9 = 13$<br>Danielle + Chris = $22 + 13 = 35$<br>Jennie = $2 \times 35 = 70$ |
| 19. 1, 2, 3, 6, 7, 14, 21, 42  | 47. $\frac{4}{5} = \frac{12}{15} > \frac{10}{15} = \frac{2}{3}$                               | 69. $1 - \frac{2}{3} = \frac{1}{3}$<br>$\frac{1}{3} \times 18 = 6$                            |
| 20. 2, 3, 5, 7, 11, 13, 17, 19   | 48. $\frac{3}{12} = \frac{6}{24} < \frac{15}{24} = \frac{5}{8}$                               | 70. $42 - 6 \times 3 = 24$<br>$24 \div 3 = 8$<br>$3 + 8 = \underline{11 \text{ chickens}}$    |
| 21. $25 \times 3 = \$75$   | 49. $\frac{6}{15} < \frac{10}{15} = \frac{2}{3}$  |   |
| 22. $24 \div 4 = 6$  | 50. $\frac{1}{4} = \frac{15}{60} < \frac{16}{60} = \frac{4}{15}$                              |   |
| 23. $7 \times 0.25 = \$1.75$   |   |   |
| 24. $3 \times 3 \times 2 = 18$   |   |   |
| 25. $280 \div 4 = 7$ hrs<br>$1:00 + 7:00 = 8:00$ P.M.  |   |   |
| 26. (a) 5 dimes, 1 nickel, and 1 penny<br>(b) 2 quarters, 1 nickel, and 1 penny<br>(c) $3 \times 25 = 75$ , $75 - 56 = 19\text{¢}$ |   |   |
| 27. $15 \div 5 = 3$<br>$9 \times 2 \times 3 = \underline{54 \text{ lb}}$   |   |   |
| 28. $84 \div 14 = 6$ cars  |   |   |

# Answer Key

1. 1, 2, 4, 13, 26, 52
2. 1, 5, 11, 55
3. 1, 2, 4, 7, 8, 14, 28, 56
4. 1, 7, 49
5. 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
6. 1, 2, 3, 6, 9, 18, 27, 54
7. 1, 3, 17, 51
8. 1, 3, 19, 57
9. 1, 2, 5, 10, 25, 50
10. 11, 13, 17, 19, 23, 29
11.  $12 - 7 = 5$
12.  $10 \div 2 = 5$   
 $82 + 5 = 87$
13. 0
14. 101
15.  $6 \div 2 = 3$   
 $3 \times 5 = 15$  lb
16.  $165 \div 15 = 11$  hours
17.  $6 \times 35 = 210$   
 $210 - 13 = 197$
18.  $5 - 1.20 = \$3.80$
19.  $2400 \div 12 = \$200$
20.  $9:00 - 0:25 = 8:35$  A.M.
21.  $15 + 25 = 40$   
 $3:40 + 0:40 = 4:20$  P.M.
22. Jul 30
23.  $3 \times 24 + 9 = 81$
24. (a)  $3.20 - 2.00 = \$1.20$  (each pencil)  
(b)  $2.00 - 1.20 = \$0.80$  (each eraser)
25. the 3<sup>rd</sup> witch: 2 candies  
the 2<sup>nd</sup> witch: 5 candies  
the 1<sup>st</sup> witch: 10 candies
26.  $6 \times 2 = 12$   
 $28 - 12 = 16$   
 $16 \div 4 = 4$  donkeys
27.  $39 - 10 + 1 = 30$
28. (a)  $9:20 - 0:40 = 8:40$  P.M.  
(b)  $9:20 - 2:50 = 6:30$  P.M.
29. Marc, Michael, Evan, John, James
30. (a)  $20 \times 20 = 400$  sq. inches  
(b)  $4 \times 20 = 80$  inches
31. 11.07
32. 6.2
33. 5.08
34. 5.11
35. 9.22
36. 6.22
37. 4.21
38. 5.23
39. 10.2
40. 8.26
41. 3.97
42. 2.75
43. 1.67
44. 2.89
45. 1.98
46. 1.79
47. 1.75
48. 2.47
49. 1.59
50. 0.75
51.  $1 = \frac{6}{6}$
52.  $2 = 1\frac{5}{5}$
53.  $6 = 4\frac{6}{3}$
54.  $3 = 2\frac{15}{15}$
55.  $\frac{20}{3} = 6\frac{2}{3}$
56.  $3\frac{2}{3} = 2\frac{5}{3}$
57.  $\frac{11}{3}$
58.  $12\frac{1}{11} = 11\frac{12}{11}$
59.  $12\frac{1}{11} = \frac{133}{11}$
60.  $18\frac{1}{3} = 17\frac{20}{15}$
61. 6
62. 5
63. 30
64. 5
65. 6
66. 8
67. 7
68. 36
69. 10
70. 24
71.  $72 - 8 = 64$   
 $64 - 8 = 56$   
...  
 $40 - 8 = \underline{32}$
72.  $1 - \frac{1}{4} - \frac{1}{4} = \frac{1}{2}$
73.  $2002 - 1957 = \underline{45}$
74.  $\frac{2}{3} \times 12 = \underline{8}$  inches
75.  $1994 - 350 = \underline{1644}$
76.  $36 \div 4 = 9$   
 $9 \times 9 = 81$  in<sup>2</sup>
77.  $3\frac{1}{2} + 1\frac{1}{2} = 5$  hours
78.  $14.25 - 9.75 = \underline{\$4.50}$
79.  $3.5 \times 8 = \underline{\$28}$
80.  $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$  (Divide by two.)
81.  $20 \div 2 = 10$   
 $4 \div 2 = 2$   
 $10 + 2 = \underline{12}$
82.  $200 \div 10 = 20$
83.  $5 \times 6.2 = \$31.00$
84.  $28 \div 4 = 7$  (drivers)  
 $28 + 7 = 35$
85.  $6 \times 6 = 36$

# Answer Key

- |   |   |  |
|---|---|--|
| 1. 1, 2, 41, 82                               | 34. $90 - 33 = 57$                              | 61. 3.18   |
| 2. 1, 2, 4, 5, 8, 10, 16, 20, 40, 80          | 35. $80 - 16 = 64$                              | 62. 6.79   |
| 3. 1, 2, 3, 6, 13, 26, 39, 78                 | 36. $84 - 6 = \underline{78}$                   | 63. 14.75  |
| 4. 1, 3, 29, 87                               | 37. $4 \times 5 = 20$                           | 64. 14.77  |
| 5. 1, 2, 4, 19, 38, 76                        | 38. $83 + 57 = 140$                             | 65. 13.94  |
| 6. 1, 5, 17, 85                               | $2 \times 140 = \underline{\$280}$              | 66. 19.28  |
| 7. 1, 3, 9, 27, 81                            | 39. $9 \times 6 = \$54$                         | 67. 14.32  |
| 8. 1, 3, 5, 15, 25, 75                        | 40. $6 \times 14 = 84$                          | 68. 8.58   |
| 9. 1, 2, 43, 86                               | 41. $30 \times 12 = 360$                        | 69. 9.5  |
| 10. 31, 37, 41, 43, 47                        | 42. $2 \times 3 = 6$ mi                         | 70. 19.91  |
| 11. $3.75 = 3\frac{3}{4}$                     | 43. $60 \div 10 = 6$                            | 71. $3 \times 90 = 270$                                  |
| 12. $\frac{30}{4} = 7.5$                      | $6 \times 3 = \underline{18}$                   | 72. $35 - 10 = 25$                                       |
| 13. $4.44 = 4\frac{44}{100} = 4\frac{11}{25}$ | 44. $15 \div 3 = 5$ hr                          | $25 \div 5 = 5$  |
| 14. $5.15 = 5\frac{15}{100} = 5\frac{3}{20}$  | 45. $12 - 4 = 8$                                | Friday   |
| 15. $6.64 = 6\frac{64}{100} = 6\frac{16}{25}$ | 46. $32 \div 4 = \$8$                           | 73. $987 - 678 = \underline{309}$                        |
| 16. $\frac{12}{5} = 2.4$                      | 47. $56 \div 4 = 14$ (mph)                      | 74. $5 \times 5 = \$25$                                  |
| 17. $7.45 = 7\frac{45}{100} = 7\frac{9}{20}$  | 48. $420 \div 4 = 105$                          | 75. $72 \div 6 = 12$                                     |
| 18. $\frac{13}{4} = 3.25$                     | $420 - 105 = \underline{315}$                   | $12 \times 4 = 48$                                       |
| 19. $8.55 = 8\frac{55}{100} = 8\frac{11}{20}$ | 49. $20 \times 30 \div 2 = 600 \div 2$          | 76. $720 \div 8 = 90$                                    |
| 20. 3.875                                     | $= \underline{300 \text{ in}^2}$                | 77. $3 \times 25 = 75$                                   |
| 21. 4.2                                       | 50. $5 \times 5 = 25$ (central square)          | $2 \times 10 = 20$                                       |
| 22. 8.6                                       | $4 \times 10 \times 5 = 200$ (corner rectangle) | $4 \times 1 = 4$   |
| 23. 20.6                                      | $25 + 200 = \underline{225 \text{ cm}^2}$       | $3 + 2 + 4 = 9$ coins                                    |
| 24. 17  |   | 78. $24.5 \div 7 = 3.5$ mi                               |
| 25. 15.5                                      |   | 79. 1 dollar = 4 quarters                                |
| 26. 0.4                                       |   | $4 \times 45 = 180$                                      |
| 27. $\frac{35}{100} = \frac{7}{20}$           |   | 80. $4240 \div 4 = 1,060$                                |
| 28. $\underline{\hspace{2cm}}$                |   | 81. $\frac{1}{8} \times 32 = 4$                          |
| $4 \overline{) 23}$                           |   | 82. $1 - \frac{1}{2} - \frac{3}{8} = \frac{1}{8}$        |
| 5.75  |   | 83. 875  |
| So, we have $\frac{23}{4} = 5.75$             |   | 84. $2 \times 60 + 30 = 150$                             |
| 29. $\frac{2}{5}$                             | 51. 0.4   | $150 - 120 = 20$ min                                     |
| 30. $\frac{5}{4}$                             | 52. 0.72  | 85. $\frac{1}{3}(12 + 24 + 15) = \$17$                   |
| 31. $12 + 19 = 31$                            | 53. 0.19  | 86. $\frac{1}{3} \times 60 = \underline{20 \text{ sec}}$ |
| 32. $157 + 149 = 306$                         | 54. 0.89  | 87. $1910 - 14 = 1896$                                   |
| 33. $90 + 75 = 165$ (min)                     | 55. 3.45  | 88. $72 \div 2 = 36$                                     |
|   | 56. 3.58  | $36 \div 4 = 9$ marbles                                  |
|   | 57. 1.95  | 89. $\frac{1}{2}(24) = \$12$                             |
|   | 58. 0.48  | 90. $\frac{1}{4}(40) = 10$                               |
|   | 59. 7.09  |  |
|   | 60. 3.02  |  |



# Answer Key

1. 1, 5, 19, 95
2. 1, 2, 4, 8, 11, 22, 44, 88
3. 1, 2, 7, 14, 49, 98
4. 1, 3, 31, 93
5. 1, 2, 4, 23, 46, 92
6. 1, 3, 9, 11, 33, 99
7. 1, 2, 3, 6, 17, 34, 51, 102
8. 1, 2, 4, 5, 10, 20, 25, 50, 100
9. 1, 7, 13, 91
10. 41, 43, 47, 53, 59
11. 0.5
12.  $\frac{1}{5}$
13. 0.1
14.  $\frac{2}{5}$
15. 0.75
16.  $\frac{1}{2}$
17. 0.25
18.  $\frac{3}{5}$
19. 0.25
20.  $\frac{4}{5}$
21. 0.8
22.  $\frac{1}{4}$
23. 0.2
24.  $\frac{3}{4}$
25. 0.8
26.  $\frac{3}{20}$
27. 1.25
28.  $\frac{9}{20}$
29. 2.75
30.  $\frac{17}{20}$
31.  $16+8 = 24$  (cups)
32.  $477 + 534 = 1011$
33.  $325 + 35 = 360$
34.  $35 - 29 = 6$
35.  $1700 - 1400 = 300$
36.  $10 + 6 + 4 = 20$
37.  $2 \times (3 + 2) = 10$   
 $15 - 10 = 5$
38.  $4 \times (9 + 6 + 5) = 4 \times 20$   
 $= \underline{\$80}$
39.  $3 \times 4 = 12$
40.  $3 \times 4 \times 20 = 240$
41.  $8 \times 5 \times 12 = 480$  (lights)
42. 12
43.  $40 \div 8 = 5$  min
44.  $45 \div 5 = 9$  miles an hour
45.  $75 \div 25 = 3$   
 $(25 - 5) \times 3 = \underline{60 \text{ points}}$
46.  $334 + 266 = 600$   
 $600 \div 4 = \underline{150 \text{ qts}}$
47.  $2 \times 3 = 6$  cuts
48.  $3 \times 3 \times 3 = 27$  cubes
49. 8 (There are 8 vertices.)
50.  $2 \times (12 + 28) = \underline{40}$
51. 144
52. 12.8
53. 2.002
54. 8.6
55. 7.5
56. 14
57. 9
58. 9.6
59. 0.88
60. 0.26
61. 42.02
62. 0.0006
63. 3.25
64. 2.21
65. 9.1
66. 48
67. 6.4
68. 0.21
69. 7.6
70. 8.1
71.  $12:00 - 7:30 = 4:30$  or 4.5 hours  
 $6 \times 4.5 = \$27$
72.  $30 \times 2 = 60$   
 $2 \times 60 = \underline{\$120}$
73.  $\frac{3}{30} = \frac{1}{10}$
74.  $1 - \frac{1}{3} = \frac{2}{3}$   
 $15 \times \frac{2}{3} = 10$
75.  $6 \times 12\frac{1}{2} = 75$   
 $75 \div 5 = 15$  ounces
76.  $18 \times 5\text{c} = 90\text{c}$   
 $150 - 90 = 60$   
 $60 \div 2 = \underline{30\text{c}}$
77.  $\frac{1}{2}(26) + 4 = 17$   
 $26 - 17 = 9$
78.  $4.5 \times 16 = \$72$
79.  $9 \times 31 = \underline{279}$
80.  $5 - 2.9 = 2.1$   
 $2.1 \div 7 = 0.3$   
 $5 - 3 \times 0.3 = \$4.10$
81.  $35 + 3 = 38$   
 $2 \times 38 = \underline{76}$
82. Think about 12 hot dogs  
C:  $2 \times 4 = \$8$  ✓  
D:  $3 \times 3 = \$9$   
E:  $4.25 \times 2 = \$8.50$
83.  $46 = 25 + 20 + 1$   
 $= 1 \text{ quarter} + 2 \text{ dimes} + 1$   
penny  
4 coins
84. 22
85.  $\frac{1}{3} \times 600 = 200$   
 $600 - 200 = \underline{400}$
86.  $24 \div 3 \times 2 = 16$
87.  $2 \times 12 = 24$  inches
88.  $5 \times 12 + 10 = 70$  inches
89.  $\frac{1}{3} \times 12 = 4$   
 $12 - 4 = 8$
90. 320 (Double each time.)

# Answer Key

1. 1, 3, 9, 13, 39, 117
2. 1, 2, 4, 29, 58, 116
3. 1, 2, 3, 6, 19, 38, 57, 114
4. 1, 5, 23, 115
5. 1, 3, 5, 7, 15, 21, 35, 105
6. 1, 2, 4, 7, 8, 14, 16, 28, 56, 112
7. 1, 2, 5, 10, 11, 22, 55, 110
8. 1, 3, 37, 111
9. 1, 2, 4, 8, 13, 26, 52, 104
10. 53, 59, 61, 67
11.  $\frac{10}{3} = 3\frac{1}{3}$  since  $10 \div 3 = 3$  R 1.  
Note that the new denominator remains unchanged.
12.  $16\frac{1}{4}$
13.  $12\frac{1}{2}$
14.  $20\frac{2}{3}$
15.  $7\frac{5}{7}$
16.  $3\frac{8}{9}$
17.  $10\frac{5}{8}$
18.  $7\frac{1}{2}$
19.  $6\frac{1}{6}$
20.  $7\frac{3}{12}$
21.  $6\frac{2}{5}$
22.  $17\frac{1}{5}$
23.  $4\frac{11}{25}$
24.  $5\frac{3}{20}$
25.  $6\frac{16}{25}$
26.  $7\frac{9}{20}$
27.  $\frac{37}{7}$
28.  $\frac{5}{2}$
29.  $\frac{1}{2}$
30.  $\frac{9}{2}$
31.  $106 + 457 = 563$
32.  $223 + 347 = 570$
33.  $39 - 27 = 12$
34.  $64 - 8 = 56$  books  
Note: "12 books were by the same author" is irrelevant information.
35.  $15 + 14 = 29$
36.  $3 \times 35 = 105$
37.  $12 \times 4 = 48$
38.  $3 \times 4 = 12$  (glitters)
39.  $3.2 \times 8 = \underline{\$25.60}$
40.  $5 \times 40 = 200$  min = 3 hr 20 min
41.  $72 \div 2 = \underline{36}$  (ft)
42.  $56 \div 7 = 8$
43.  $135 \div 3 = 45$   
 $135 - 45 = \underline{90}$
44.  $(55 + 15) \div 2 = 35$
45.  $10 + 5 = 15$
46. The perimeter is  $2 \times (15 + 10) = 50$  in.
47. The area is  $15 \times 10 = 150$  sq. in.
48.  $2(25 + 10) = 70$  in
49.  $25 \times 10 = 250$  in<sup>2</sup>
50.  $24 \div 4 = 6$   
 $6 \times 6 = \underline{36}$  sq. ft.
51. 19.2
52. 6.12
53. 6.4
54. 24
55. 7.85
56. 31
57. 4.4
58. 9.2
59. 25
60. 15.07
61. 2.82
62. 112
63. 0.8
64. 5.3
65. 44
66. 0.18
67. 4.012
68. 3.012
69. 48
70. 0.2
71.  $5 \times 7 - 32 = \underline{3}$
72.  $(5 \text{ ft } 5 \text{ in}) \times 3 = 15 \text{ ft } 15 \text{ in}$   
 $= \underline{16 \text{ ft } 3 \text{ in}}$
73. 41
74.  $20 \div 5 = 4$   
 $4 \times 8 = \underline{\$32}$
75.  $24 - 8 = 16$   
 $\frac{16}{24} = \frac{2}{3}$
76. E
77.  $\frac{2}{3} \times 48 = 32$   
 $\frac{3}{4} \times 32 = \underline{24}$  pounds
78.  $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$   
 $1 - \frac{1}{2} = \frac{1}{2}$
79.  $2007 - 11 = 1996$   
 $1996 + 2 = 1998$
80.  $5 - 1.6 = 2.4$   
 $2.4 \div 3 = 0.8$   
 $5 \times 0.8 = 4$   
 $5 - 4 = \underline{\$1.00}$  (left)
81.  $\frac{1}{2} \times 60 = 30$   
 $\frac{1}{4} \times 60 = 15$   
 $60 - 30 - 15 = \underline{\$15}$
82. 1 (one)
83. 52
84. 8
85. 81
86.  $12 \div 4 = 3$   
 $3 \times 30 = \underline{90c}$
87.  $28 \div 7 = 4$   
 $4 \times 3 \times 4 = 48$  miles
88. 5 (Divide by 1, divide by 2, divide by 3, etc.)
89.  $91 \div 2 = 45.5$   
 $45 + \underline{46} = 91$
90.  $900 \div 25 = \underline{\$36}$

# Answer Key

- |                                 |  |  |
|---------------------------------|--|--|
| 1. 1, 2, 59, 118                | 36. $50 - 37 = 13$                                   | 70. 0.24   |
| 2. 1, 3, 41, 123                | 37. $3 \times 15 = 45$                               | 71. 8.7  |
| 3. 1, 2, 5, 10, 13, 26, 65, 130 | 38. $7 \times 50 = 350$                              | 72. B  |
| 4. 1, 5, 25, 125                | 39. $21 \times 7 = 147$                              | Nancy: $\frac{1}{8} \times 40 = 5$                         |
| 5. 1, 11, 121                   | 40. $4 \times 12 = 48$                               | Justin: $\frac{1}{5} \times (35) = 7$                      |
| 6. 1, 7, 17, 119                | 41. $12 \times 4 = 48$                               | 73. $7 \times 12 = 84$ inches                              |
| 7. 1, 2, 4, 31, 62, 124         | 42. $80 \times 60 = 4800$                            | 74. $\frac{3}{12} = \frac{1}{4}$                           |
| 8. 1, 2, 61, 122                | 43. $12 \times \frac{3}{4} = 9$                      | 75. .01 (Divide by 10.)                                    |
| 9. 1, 3, 43, 129                | 44. $200 = 2 \times 100 = 4 \times 50 = 5 \times 40$ | 76. 125  |
| 10. 1, 2, 4, 8, 16, 32, 64, 128 | = ...  | 77. a) $3 \times 3 = 9$                                    |
| 11. 83, 89, 97                  | larger = 40  | b) $3 \times 3 \times 12 = 108$                            |
| 12. $1.75 = 1\frac{3}{4}$       | smaller = 5  | 78. $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$              |
| 13. $\frac{17}{5}$              | 45. $18 \div 2 = \underline{9}$ sec                  | $1 - \frac{4}{5} = \frac{1}{5}$                            |
| 14. $6\frac{1}{3}$              | 46. $39 \div 3 = 13$                                 | Unfound: Found   |
| 15. 2.75                        | $39 - 13 = \underline{26}$                           | $= \frac{1}{5} : \frac{4}{5}$                              |
| 16. $2\frac{7}{20}$             | 47. $120 \times \frac{1}{4} = 30$                    | $= 1 : 4$  |
| 17. 2.4                         | $120 + 30 = \underline{\$150}$                       | $= 17 : \underline{68}$                                    |
| 18. $6\frac{1}{8}$              | 48. $60 + 15 = \underline{75}$                       | Note: $17 \times 4 = 68$                                   |
| 19. 20.2                        | 49. $2(3 + 5) = 16$ inches                           | 79. $3 \times 6 = 18$                                      |
| 20. $3\frac{3}{4}$              | 50. $30 \div 2 = 15$                                 | $18 - (7 + 3) = 8$   |
| 21. $6\frac{2}{5}$              | $15 - 8 = 7$   | 80. 90 (Each number is $\frac{1}{3}$ of the previous one.) |
| 22. $\frac{13}{20}$             | 51. $7 \times 8 = 56$                                | 81. 5  |
| 23. $\frac{11}{20}$             | 52. 0.0048   | 82. 4 (Multiply times 3.)                                  |
| 24. 8.55                        | 53. 0.168  | 83. $1 \times 1 = 1$                                       |
| 25. 3.25                        | 54. 5.5  | $2 \times 2 = 4$   |
| 26. 0.85                        | 55. 84   | $3 \times 3 = 9$   |
| 27. $\frac{9}{20}$              | 56. 0.0016   | ...  |
| 28. $6\frac{3}{14}$             | 57. 41   | $7 \times 7 = 49$  |
| 29. $7\frac{1}{2}$              | 58. 0.44   | $8 \times 8 = 64$  |
| 30. $\frac{3}{20}$              | 59. 0.13   | 84. 120  |
| 31. $\frac{16}{25}$             | 60. 8.06   | 85. $8 + 10 = 18$  |
| 32. $212 + 189 = 401$           | 61. 16   | $3 \times 12 = 36 = 18 \times 2$ cans                      |
| 33. $490 + 440 + 510 = 1440$    | 62. 48.3   | 86. $36 + 9 = \underline{45}$                              |
| $1440 \div 3 = \underline{480}$ | 63. 18   | 87. 28 days  |
| 34. $85 - 67 = 18$              | 64. 0.3  | 88. $3 \times 12 = 36$ inches                              |
| 35. $292 - 208 = 84$ (yd)       | 65. 18.4   | 89. $10 \times 2 - 8 = 12$                                 |
|                                 | 66. 10.2   | 90. $4 \times 100 + 50 = 450$                              |
|                                 | 67. 0.61   | $450 \div 5 = 90$  |
|                                 | 68. 6.8  | 91. $4 \times 1.00 + 3 \times 0.30 = 4.90$                 |
|                                 | 69. 1.2  | $4.90 \div 7 = \$0.70$                                     |

# Answer Key

- |   |   |  |
|---|---|--|
| 1. 2.24   | 34. $24 - 4 \times 3 = 12$                          | 57. $3\frac{3}{4}$                         |
| 2. 6.56   | $12 \div 4 = 3$                                     | 58. 20.2                                   |
| 3. 11.3   | $3 \times 3 + 4 \times 4 = 25$                      | 59. $\frac{13}{20}$                        |
| 4. 16   | $25 - 24 = \underline{\$1.00}$                      | 60. $\frac{1}{2} \times 60 = 30$ min       |
| 5. 0.705  | 35. $60 \div 4 = 15$                                | 61. $3 + 4 + 5 = 12$                       |
| 6. 14   | 36. $100 \div 2 = 50$                               | 62. $13 + 14 + 15 = 42$                    |
| 7. 5.6  | $50 - 20 = 30$ in (length)                          | 63. $23 + 24 + 25 = 72$                    |
| 8. 0.071  | 37. The area = width $\times$ length =              | 64. $29 - 22 + 1 = 8$                      |
| 9. 6.01   | $20 \times 30 = 600$ in <sup>2</sup>                | $8 \times 10 = 80$                         |
| 10. 0.32  | 38. $20 \times 30 - 10 \times 14 = 600 - 140$       | 65. $18 \div 6 = 3$ cupcakes               |
| 11. 0.012   | $= \underline{460}$ in <sup>2</sup>                 | 66. 40123                                  |
| 12. 16.04   | 39. $2 \times (20 + 30) + 2(20 - 6) = 100$          | 67. $39 \div 3 = 13$                       |
| 13. 2.8   | $+ 28$  | $39 - 13 = \underline{26}$                 |
| 14. 14  | $= \underline{128}$ in                              | 68. $18 \times \frac{1}{4} = \$4.50$       |
| 15. 0.3   | 40. $60 \div 12 = 5$ (width)                        | 69. $20 + 7 = 27$                          |
| 16. 13  | $2 \times (12 + 5) = \underline{34}$ ft (perimeter) | $27 \div 3 = 9$                            |
| 17. 53  | 41. $\frac{10}{3}$                                  | $2 \times 9 = 18$                          |
| 18. 16  | 42. $\frac{11}{3}$                                  | $20 - 18 = \$2$ (left)                     |
| 19. 4.15  | 43. $\frac{13}{4}$                                  | 70. $\boxed{25} \times \frac{1}{5} = 5$    |
| 20. 12  | 44. $\frac{18}{5}$                                  | 71. $3 \times 12 = 36$                     |
| 21. $22 + 19 = 41$                                | 45. $\frac{23}{3}$                                  | $36 \times 2 = 72$ (still enough)          |
| 22. $185 + 165 = 350$                             | 46. $\frac{86}{5}$                                  | $36 \times 3 = 108$ (over)                 |
| 23. $21 - 4 = 17$                                 | 47. $\frac{141}{13}$                                | 2 dozen                                    |
| 24. $60 - 47 = 13$                                | 48. $\frac{22}{7}$                                  | 72. $24 - 6 = 18$                          |
| 25. $23 \times 4 = 92$                            | 49. $\frac{15}{4}$                                  | $18 \div 2 = 9$ dogs                       |
| 26. $3 \times 33 = 99$                            | 50. $\frac{11}{25}$                                 | 73. $51 \times 5 = \underline{\$25.50}$    |
| 27. $120 \times 1.5 + 100 \times 0.50 = 180 + 50$ | 51. $\frac{21}{2}$                                  | 74. $50 \times 5 = 250$ miles              |
| $= \underline{\$230}$                             | 52. $6\frac{2}{5}$                                  | 75. $127 + 113 = 240$                      |
| 28. $2 \times 4 + 4 \times 6 = 8 + 24$            | 53. $2\frac{7}{20}$                                 | $\frac{1}{3}(240) = 80$                    |
| $= \underline{32}$ ft                             | 54. 2.4   | $240 - 80 = \underline{160}$               |
| 29. $57 + 3 \times 5 = 72$ pounds                 | 55. $\frac{11}{20}$                                 | 76. $\frac{1}{3}(60) = 20$                 |
| 30. $60 \div 20 = \$3$                            | 56. $6\frac{1}{8}$                                  | 77. $10 - 1.6 = 8.4$                       |
| 31. $450 \div 9 = \underline{50}$ dozen           |   | $8.4 \div 3 = \$2.80$                      |
| 32. $45 \times \frac{1}{5} = 9$                   |   | 78. $3 \times 2 \times 7 = \underline{42}$ |
| $45 + 9 = \underline{54}$                         |   | 79. a) 450                                 |
| 33. $\frac{1}{3} \times 4 \times 12 = 16$         |   | b) 549                                     |