

Answer Key

1. 54
2. 37
3. 9
4. 11
5. 2
6. 3
7. 6
8. 5
9. 54
10. 12
11. 55
12. 40
13. 120
14. 136
15. 81
16. 21
17. $84 \div 3 = 28$ marbles
18. 84
19. B
20. 7
21. $2^2 \times 3 \times 5$
22. $3^2 \times 7$
23. 2^6
24. 5×13
25. 3×5^2
26. 9.07
27. 11.2
28. 1.18
29. 3.79
30. 9.17
31. 0.88
32. 5.11
33. 9.2
34. 2.69
35. 1.27
36. $12 + 5 - 7 = 10$
37. $122 - 55 = 67$
38. $28 \div 2 = 14$ people
39. $7 - 4.75 = \$2.25$
40. $94 \div 15 = 6$ R4
6 dolls
41. $60 \div 20 = 3$
 $3 \times 5 = 15$ gal
42. $45 \times 2 = 90$
 $90 \div 30 = 3$ gal
43. $20 \div 4 = \$5.00$
44. $6 - 2 = 4$
 $4 \times 7 = 28$
45. $24000 \div 12 = 2,000$
 $2500 - 2000 = \$500$
46. $12 \times \frac{1}{2} = 6$
 $27 \times \frac{1}{3} = 9$
 $6 + 9 = 15$
 $12 + 27 - 15 = 24$ marbles
47. $75 \div 25 = 3$ (pg per min)
 $300 \div 3 = 100$ min
48. $7 + 5 = 12$
 $18 - 12 = 6$ tables
49. $20 - 2 = 18$
 $18 \div 3 = \$6$
50. $10 \div 2 = 5$
 $5 - 2 = 3$ (right)
 $5 + 2 = 7$ (left)
51. (a) \$33 (b) \$15 (c) \$60
52. $42 \div 6 = 7$
 $7 \times 7 = 49$ days
53. $2 \times 3 + 3 = 9$
 $18 \div 9 = 2$
 $3 \times 2 = \underline{\$6.00}$
54. $1 - \frac{1}{4} = \frac{3}{4}$
 $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$
 $2 \div \frac{1}{4} = 2 \times 4 = 8$ meters
55. (a) $\frac{1}{2} \times \frac{1}{2} = 1/4$ pizza
(b) $\frac{1}{2} - \frac{1}{4} = \frac{1}{4}$, $\frac{1}{4} \div 3 = 1/12$ each
(c) $\frac{1}{2} + \frac{1}{12} = 7/12$ (yourself)
56. $190 - 92 = 98$
57. $7 \times 7 = 49$
58. (a) $9 \times 2 = 18$
(b) $3 \times 2 = 6$
(c) $3 \times 3 = 9$
59. (a) $60 \times (5/6) = 50$
(b) $60 \times (5/6) = 50$
60. $10.00 - 3 \times 3.00 = 1$
61. $(8+10)/2 = 9$
62. D

MAP 230 (T1) Issue 6

63. (a) $49/7 = 7$
(b) $36/6 = 6$
64. (a) 53 (b) 39 (c) H
65. (a) $28 \times (5/7) = 20$
(b) $28 \times (1 - 5/7) = 8$
66. $90 - 60 = 30$
67. $2 \times 10 / 10 = 2$
68. (a) $8 + 3 + 3 = 14$
(b) $8 \times 3 \times 3 = 72$
69. 15

70. $65 \times 5 = 325$
71. $4 \times 40 = 160$
72. (a) $240 / 5 \times 4 = 192$
(b) $240 / 5 = 48$
73. (a) $66 \times 4 / (4 + 7) = 24$
(b) $66 \times 7 / (4 + 7) = 42$
74. $(2 \times 55 - 76) = 34$
75. $6 \times (6/4) = 9$