

Answer Key

1. 9
2. 32
3. 35
4. 18
5. 10
6. 37
7. 56
8. 27
9. 52
10. 47
11. 10.2
12. 12
13. 5.3
14. 19
15. D
16. 160
17. 9
18. 40
19. 46
20. 96
21. $2^4 \times 5$
22. 3^4
23. 5×17
24. 5×19
25. $2^5 \times 3$
26. 11.18
27. 9.2
28. 9.17
29. 0.58
30. 1.49
31. 3.38
32. 10.26
33. 4.21
34. 3.46
35. 2.29
36. $12 + 5 = 17$
 $17 + 7 = 24$
37. $30 \div 3 = 10$
 $10 \times 2 = 20$
 $10 + 3 = 13$ yrs old (Juan)
 $20 + 3 = 23$ yrs old (Bill)
38. 100
39. B
40. $10:10 - 8:40 = 1:30 = 1 \text{ hr} \& 30 \text{ min}$
41. 998
42. 101
43. $1000 \div 10 = 100$ (pennies) = 1 dollar = \$1.00
44. $16 \div 2 = 8$
 $8 \times 3 = 24$ ft
45. $14 \div 2 = 7$
 $7 - 5 = 2$ inches
46. $2(5 + 10) = 30$ cm
47. $63 \times 7 = 441$
48. $12 \times 7 = 84$
49. $12.50 \times 2 = \$25.00$
50. $62 - 39 = 23$
51. $15 \div 3 = 5$ (Mary)
 $5 \times 2 = 10$ (Susan)
52. $6 - \frac{1}{2} \times 6 = 3$ (Amy's)
 $6 - \frac{1}{3} \times 6 = 4$ (Paul's)
 $3 + 4 = 7$ cans
53. $\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$
 $1 - \frac{3}{4} = 1/4$ (leftover)
54. 8 & 9
55. $82 + 78 + 83 = 243$
 $243 \div 3 = 81$
56. $180 - 95 = 85$
57. $8 \times 7 = 56$
58. (a) $3 \times 2 = 6$
(b) $3 \times 3 = 9$
(c) $4 \times 3 = 12$
59. (a) $60 \times (5/6) = 50$
(b) $60 \times (5/6) = 50$
60. $20.00 - 3 \times 4.00 = 8$
61. $(19 + 21) / 2 = 20$
62. D
63. (a) $56 / 8 = 7$
(b) $36 / 9 = 4$
64. (a) 38 (b) 54 (c) J
65. (a) $42 \times (6/7) = 36$
(b) $42 \times (1 - 6/7) = 6$
66. $90 - 63 = 27$
67. $2 \times 12 / 6 = 4$
68. (a) $9 + 2 + 4 = 15$
(b) $9 \times 2 \times 4 = 72$

MAP 230 (T1) Issue 7

69. $42 \times \frac{3}{7} = 18$

70. $70 \times 2 = 140$

71. $5 \times 45 = 225$

72. (a) $120/(2+1) \times 2 = 80$
(b) $120/(2+1) = 40$

73. (a) $64 \times 5/(5+3) = 40$

(b) $64 \times 3/(5+3) = 24$

74. $(2 \times 50 - 80) = 20$

75. $7 \times (30/5) = 42$