

Answer Key

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| 1. 1 | 41. 54 |
| 2. 4 | 42. 36 |
| 3. 4 | 43. 54 |
| 4. 2 | 44. 21 |
| 5. 4 | 45. 18 |
| 6. 4 | 46. 6 |
| 7. $\frac{5}{6}$ | 47. 35 |
| 8. $\frac{2}{4}$ | 48. 25 |
| 9. $\frac{8}{10}$ | 49. 20 |
| 10. $\frac{6}{9}$ | 50. 48 |
| 11. 6 | 51. $\frac{21}{2}$
$10 \times 2 + 1 = 21$ |
| 12. 4 | 52. $\frac{47}{9}$
$5 \times 9 + 2 = 47$ |
| 13. 3 | 53. $\frac{45}{11}$
$4 \times 11 + 1 = 45$ |
| 14. 4 | 54. $\frac{26}{5}$
$5 \times 5 + 1 = 26$ |
| 15. 2 | 55. $\frac{25}{6}$
$4 \times 6 + 1 = 25$ |
| 16. 3 | 56. $\frac{47}{6}$
$7 \times 6 + 5 = 47$ |
| 17. 4 | 57. $\frac{19}{8}$
$2 \times 8 + 3 = 19$ |
| 18. 3 | 58. $\frac{56}{9}$
$6 \times 9 + 2 = 56$ |
| 19. 5 | 59. $\frac{43}{10}$
$4 \times 10 + 3 = 43$ |
| 20. $8 \times \frac{1}{4} = 2$ | 60. $\frac{56}{11}$
$5 \times 11 + 1 = 56$ |
| 21. $15 \div 3 = 5$ | 61. $12 - 5 = 7$ |
| 22. $12 \div 4 = 3$ | 62. $12 - 5 = 7$
$12 + 7 = 19$ |
| 23. $8 \times \frac{1}{4} = 2$ | $19 - 2 \times 3 = 13$ |
| 24. $12 \times \frac{1}{3} = 4$ | 63. $10 \times 2 = 20$
$20 - 12 = 8$ |
| 25. $\frac{3}{2}$ | 64. $5 \times 2 = 10$ (Cathy)
$10 \times 2 = 20$ (Donna) |
| 26. $\frac{3}{4}$ | 65. $\frac{1}{4}$ foot = \$1
1 foot = \$4
100 ft = \$400 |
| 27. $1/2 \div 2 = 1/4$ | |
| 28. $1 \div \frac{1}{3} = 3$ | |
| 29. $2 \div \frac{1}{3} = 6$ | |
| 30. $10 \times 3 \times \frac{1}{5} = 6$ | |
| 31. 36 | |
| 32. 35 | |
| 33. 12 | |
| 34. 12 | |
| 35. 10 | |
| 36. 28 | |
| 37. 49 | |
| 38. 40 | |
| 39. 16 | |
| 40. 14 | |

MAP 230 (T1) Issue 2

66. $900 \times \frac{1}{3} = \300
 $900 - 300 = \$600$
67. $4 \times 5 = 20$ cm
68. $72 - 55 = 17$
69. $8 \times 2 \times 6 = 16 \times 6 = 96$ hours
70. $52 - 8 = 44$
71. $128 \div 8 = 16$ cases
72. $120 \div 4 = 30$ students
73. $21 \div 3 = 7$ boxes
 $7 \times 4 = 28$ balls
74. $3 \times 25 = 75$
 $75 - 56 = 19\text{¢}$
75. $32 - 19 = 13$
 $3 \times 13 = \$39$
76. $1.25 + 0.25 = 1.50$
 $2 - 1.50 = \$0.50$
77. $52 \times 2 = 104$
 $104 + 52 = 156$ gal
78. $345 \times \frac{1}{3} = 115$
 $345 - 115 = 230$
79. $2:15 - 0:30 = 1:45$ P.M.
80. $10 - 4 = 6$
 $6 \div 2 = 3$
81. $85 - 10 - 40 = 35$ red marbles
82. $5 - 1.20 - 0.35 = \underline{\$3.45}$
83. $5 \times 3 + 2 \times 10 = 35$ miles
84. $20 - 10 = 10$
 $10 \div 2 = 5$
 $5 + 10 = 15$
85. $105 + 80 + 120 + 95 = 400$
 $400 \div 4 = 100$ min
86. \$2.49
87. $60 \div 2 = 30$
 $60 \div 3 = 20$
 $60 + 30 + 20 = 110$
88. $2005 - 1929 = 76$ years old
89. $2005 - 1945 = 60 = 6$ decades
90. 140 (mean) & 12 (median)
91. 8 (mean) & 8 (median)
92. 51 (mean) & 31 (median)
93. 35 (mean) & 35 (median)
94. $5 \times 3 = 15$
 $12 + 15 = \$27.00$
95. $1 - \frac{2}{3} = \frac{1}{3}$
 $\frac{1}{3} \times 72 = 24$
96. Method I)
 $3 \times 2 = \$6$

Method II)
 $3 \times 2 \times 7 = 42$
 $42 \div 7 = \$6$
97. $104 - 3 \times 32 = 8$ ounces
98. $1988 - 100 = 1978$
 $2010 - 1978 = \underline{32}$
99. 40 minutes
100. $1 - \frac{1}{4} = \frac{3}{4}$ (shared)
 $24 \times \frac{3}{4} = 18$
 $18 \div 9 = \underline{2 \text{ slices}}$