

# Answer Key

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|--------------------|--|
| 1. 240,000         | 43. 810000   |
| 2. 210,000         | 44. 1600   |
| 3. 15,000          | 45. 64000  |
| 4. 120,000         | 46. 125000   |
| 5. 21,000          | 47. 6250000  |
| 6. 1,500           | 48. 3600   |
| 7. 150,000         | 49. 216000   |
| 8. 21,000          | 50. 4900   |
| 9. 18,000          | 51. $\frac{5}{4}$  |
| 10. 180,000        | LCD = 4  |
| 11. 1.8            | 52. $\frac{3}{8}$  |
| 12. 60             | LCD = 8  |
| 13. 140            | 53. $\frac{13}{80}$  |
| 14. 0.6            | LCD = 80   |
| 15. 90             | 54. $\frac{5}{6}$  |
| 16. 160            | LCD = 6  |
| 17. 0.9            | 55. $\frac{7}{24}$   |
| 18. 1.4            | LCD = 24   |
| 19. 6              | 56. $\frac{1}{6}$  |
| 20. 16             | LCD = 6  |
| 21. 26             | 57. $\frac{4}{9}$  |
| 22. 14             | LCD = 9  |
| 23. 4              | 58. $\frac{5}{96}$   |
| 24. 2              | LCD = 96   |
| 25. 8              | 59. $\frac{2}{9}(=\frac{4}{18})$   |
| 26. 21             | LCD = 18   |
| 27. 3              | 60. $\frac{1}{15}(=\frac{8}{120})$   |
| 28. 6              | LCD = 120  |
| 29. 1              | 61. $3 \times 4 = 12$ (cost of 3 binders)  |
| 30. 17             | $20 - 12 = 8$ (cost of pencils)  |
| 31. $2\frac{7}{9}$ | $8 \div 4 = \$2$ (a pencil)  |
| 32. $\frac{2}{7}$  | 62. $2 \times 2 = \$4$ (change)  |
| 33. $\frac{2}{3}$  | 63. $4 \times 4 = 16$  |
| 34. $3\frac{1}{8}$ | $3 \times 2 = 6$   |
| 35. $\frac{3}{7}$  | $6 + 16 = \$22$  |
| 36. $3\frac{2}{3}$ | 64. $3 \times (80 \div 40) = \$6$  |
| 37. $2\frac{3}{4}$ | 65. $3 \times (100 \div 40) = \$7.50$  |
| 38. $3\frac{7}{8}$ | 66. $10 - (5 \times 0.69 + 3 \times 0.29 + 1.88 \times 1) = \$3.80$                    |
| 39. $\frac{5}{13}$ | 67. $1.5 \times 16 = 24$   |
| 40. $\frac{6}{17}$ | $24 \div 2 = \underline{12}$   |
| 41. 900            | 68. $\frac{1}{3} \times 21 + 3 = \underline{\$10}$                                     |
| 42. 27000          | 69. $\frac{1}{2} \times 1200 \times 2 + \frac{1}{4} \times 1200 \times 3 = 1200 + 900$ |
|                    | $= \underline{2100}$   |

## MAP 250 (T2) Issue 3

70. N  
 $1\frac{1}{2} + \frac{1}{2} + 1\frac{3}{4} = 3\frac{3}{4}$  hr  
 $6:00 + 3:45 = 9:45$
71.  $\frac{20}{120} = \frac{1}{6} = 1/6$
72.  $\frac{30}{120} = \frac{1}{4} = 1/4$
73.  $\frac{5}{8} \times 12 = 7.5$  million
74.  $12 \times \frac{1}{3} = 4$   
 $12 + 4 = \underline{\$16}$
75.  $20 \times \frac{1}{4} = 5$   
 $20 - 5 = \$15$
76. 25%
77. 50%
78. 75%
79. 20%
80. 40%
81. 60%
82. 80%
83.  $2/5$
84.  $24 \times \frac{7}{8} - 6 = 15$
85.  $\frac{1}{4} = 0.25 = 25\%$
86. D
87.  $2^3 = 8$   
 $8 \times 20 = 160 \text{ cm}^3$
88.  $75\% \times 28 = \frac{3}{4} \times 28 = 21$