

# Answer Key

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|-----------------------------------|---|
| 1. 9                              | 42. $17 + 3 = 20$                       |
| 2. 5                              | $20 \times 2 = 40$                      |
| 3. 33                             | $40 - 3 = 37$ yrs old                   |
| 4. 23                             | 43. $40 \div 20 = 2$                    |
| 5. 12                             | $2 \times 2 = 4$ gallons                |
| 6. 16                             | 44. $200 \times 2 = \$400$              |
| 7. 16                             | 45. $600 \times 3 = \$1800$             |
| 8. 25                             | 46. $5 \times 2 = 10$ sq. inches        |
| 9. 30                             | 47. 8 vertices                          |
| 10. 30                            | 48. $20 \times 20 = 400$ (square area)  |
| 11. 9                             | $10 \times 30 = 300$ (rectangle area)   |
| 12. 9                             | Ans = A                                 |
| 13. 5                             | 49. $276 \div 3 = 92$                   |
| 14. 4                             | 50. $21 \times 6 = 126$ min             |
| 15. 8                             | 51. $81 - 53 = 28$                      |
| 16. 2                             | 52. $121 - 46 = 75$                     |
| 17. 9                             | 53. {312, 200, 217, 156 }               |
| 18. 7                             | 54. $450 + 530 = 980$                   |
| 19. 4                             | $980 \div 20 = \underline{49}$ teachers |
| 20. 4                             | 55. $13 \times 2 = 26$                  |
| 21. 35                            | $13 + 26 = 39$ points                   |
| 22. 50                            | 56. $3 \times 12 = 36$                  |
| 23. 134                           | $\frac{1}{3} \times 12 = 4$             |
| 24. 143                           | $36 + 4 = 40$ inches                    |
| 25. 80                            | 57. $36 \div 3 = 12$ (Mary)             |
| 26. 38                            | $12 \times 2 = 24$ (Susan)              |
| 27. 97                            | 58. $51 \times 2 = 102$ words           |
| 28. 148                           | $102 \times 5 = 510$ words (Michael)    |
| 29. 33                            | 59. $2 + 8 = 10$                        |
| 30. 133                           | $4 \times 10 + 2 = \$42.00$             |
| 31. 12                            | 60. $2:35 - 0:15 = 2:20$ P.M.           |
| 32. 22                            | 61. $190 - 83 = 107$                    |
| 33. 6                             | 62. $5 \times 7 = 35$                   |
| 34. 7                             | 63. (a) $5 \times 2 = 10$               |
| 35. 21                            | (b) $6 \times 2 = 12$                   |
| 36. 8                             | (c) $2 \times 7 = 14$                   |
| 37. 9                             | 64. (a) $60 \times (2/3) = 40$          |
| 38. 13                            | (b) $60 \times (2/3) = 40$              |
| 39. 14                            | 65. $10.00 - 2 \times 3.50 = 3$         |
| 40. 10                            | 66. $(12 + 20) / 2 = 16$                |
| 41. $12 - (4 + 1) = 7$ more miles | 67. D                                   |
|                                   | 68. (a) $21/3 = 7$                      |
|                                   | (b) $32/8 = 4$                          |

## MAP 230 (T1) Issue 2

69. (a) 54 (b) 53 (c) H

70. (a)  $36 \times (4/9) = 16$

(b)  $36 \times (1 - 4/9) = 20$

71.  $90 - 50 = 40$

72.  $2 \times 6 / 2 = 6$

73. (a)  $4 + 2 + 4 = 10$

(b)  $4 \times 2 \times 4 = 32$

74.  $56 \times \frac{3}{8} = 21$

75.  $45 \times 5 = 225$

76.  $375 / 5 = 75$

77. (a)  $210 / (6 + 1) \times 6 = 180$

(b)  $210 / (6 + 1) = 30$

78. (a)  $42 \times 4 / (4 + 3) = 24$

(b)  $42 \times 3 / (4 + 3) = 18$

79.  $(2 \times 40 - 69) = 11$

80.  $7 \times (24 / 8) = 21$