

Answer Key

- | | |
|----------|----------------------------------------------|
| 1. 43 | 43. 13.5 |
| 2. 31 | 44. 15.3 |
| 3. 4 | 45. 2.1 |
| 4. 13 | 46. 7.2 |
| 5. 36 | 47. 9.5 |
| 6. 6 | 48. 7.2 |
| 7. 17 | 49. 6.2 |
| 8. 24 | 50. 15.8 |
| 9. 30 | 51. 11.1 |
| 10. 20 | 52. 16.8 |
| 11. 10 | 53. 17.8 |
| 12. 8 | 54. 11.5 |
| 13. 4 | 55. 6.5 |
| 14. 16 | 56. 12.6 |
| 15. 15 | 57. 9.18 |
| 16. 9 | 58. 12.52 |
| 17. 36 | 59. 12.45 |
| 18. 54 | 60. 12.9 |
| 19. 63 | 61. 1 |
| 20. 69 | 62. 13 |
| 21. 9 | 63. 110 |
| 22. 9 | 64. 16 |
| 23. 5 | 65. 1 |
| 24. 4 | 66. 13 |
| 25. 8 | 67. 110 |
| 26. 2 | 68. 16 |
| 27. 9 | 69. 220 |
| 28. 7 | 70. 8 |
| 29. 4 | 71. $3 \times 15 = \boxed{45c}$ |
| 30. 4 | 72. $1705 - 1252 = 453$ |
| 31. 35 | 73. $1 + 2 \times (4 - 1) = 7$ |
| 32. 50 | 74. $21 - 15 = 6$ |
| 33. 134 | 75. $6 + 8 + 16 = \$30$ |
| 34. 143 | 76. $13 + 57 = 70$ |
| 35. 80 | 77. $\frac{1}{2}(12) = 6$ |
| 36. 38 | $\frac{1}{3}(12) = 4$ |
| 37. 97 | $12 - (4 + 6) = \boxed{2}$ |
| 38. 148 | 78. $120 \div 20 = 6$ |
| 39. 33 | 79. $12 \div 3 = 4$ |
| 40. 133 | 80. $7:45 + 3:15 = \boxed{11:00 \text{ AM}}$ |
| 41. 12.1 | 81. $50 \times 10 = 500$ |
| 42. 14.9 | 82. $5 \times 200 = 1000 \text{ miles}$ |

MAP 225 (T2) Issue 1

83. $180 \div 30 = 6$

84. $70 - 57 = 13$

85. $26 + 14 = 40$

86. D
3 feet by 3 feet

87. 5 dimes = 2 quarters

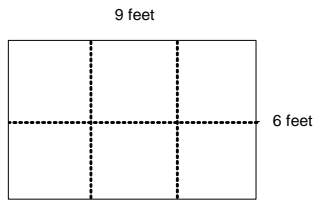
20 dimes = 8 quarters

88. $2 \times 5 \times 5 = 50$ miles

89. $4 \times 25 = 100$

4 gallons

90. $56 \div 8 = 7$ (boxes)

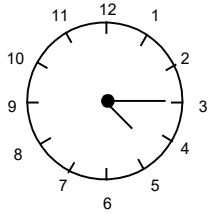


Answer Key

- | | |
|----------|--------------------------------------------------|
| 1. 7 | 44. 13 |
| 2. 4 | 45. 9.6 |
| 3. 23 | 46. 5.2 |
| 4. 41 | 47. 11.1 |
| 5. 27 | 48. 5.2 |
| 6. 11 | 49. 3.4 |
| 7. 17 | 50. 8.2 |
| 8. 26 | 51. 2.6 |
| 9. 40 | 52. 5.4 |
| 10. 40 | 53. 13.5 |
| 11. 3 | 54. 6.2 |
| 12. 6 | 55. 6.9 |
| 13. 7 | 56. 6.49 |
| 14. 18 | 57. 9.13 |
| 15. 1 | 58. 9.3 |
| 16. 12 | 59. 11.47 |
| 17. 40 | 60. 17.53 |
| 18. 57 | 61. 2 |
| 19. 64 | 62. 14 |
| 20. 71 | 63. 120 |
| 21. 2 | 64. 18 |
| 22. 2 | 65. 2 |
| 23. 4 | 66. 14 |
| 24. 6 | 67. 120 |
| 25. 8 | 68. 18 |
| 26. 9 | 69. 240 |
| 27. 7 | 70. 9 |
| 28. 54 | 71. $5 - 4.28 = \$0.72$ |
| 29. 36 | 72. $50 + 20 + 1 = 71$
Not enough |
| 30. 8 | 73. $3 \times 4 = 12$ |
| 31. 12 | 74. 18 cat's-eye marbles |
| 32. 16 | 75. $14 + 13 + 10 = 37$ |
| 33. 14 | 76. $11 \times 9 = 99$ |
| 34. 4 | 77. $7 \times 4 = 28$ |
| 35. 2 | 78. $100 \div 5 = 20$ |
| 36. 3 | 79. $3 \times 8 = \$24$ |
| 37. 19 | 80. $24 \times 5 = 120$ (people) in the picture. |
| 38. 10 | 81. $10 + 13 + 7 = 30$ |
| 39. 25 | 82. $234 - 134 = 100$ |
| 40. 17 | |
| 41. 19 | |
| 42. 7.1 | |
| 43. 14.7 | |

MAP 225 (T2) Issue 2

83. The time is $3:30 + 0:45 = 4:15$ pm



84. $150 \div 5 = 30$

85. $85 + 115 = 200$
 $3 \times 200 = 600$ ft

86. 12 seashells

87. $21 \div 3 = 7$
 $21 - 7 = 14$

88. 9 years old
 $9 + 11 = 20$

89. $6 + 1 = 7$
 $42 \div 7 = 6$

90. $35 + 15 = 50$
 $3 \times 50 = 150$ min

Answer Key

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|---------|-------------------------------------|
| 1. 8 | 43. 47 |
| 2. 4 | 44. 126 |
| 3. 25 | 45. 102 |
| 4. 31 | 46. 88 |
| 5. 30 | 47. 168 |
| 6. 14 | 48. 31 |
| 7. 17 | 49. 83 |
| 8. 27 | 50. 184 |
| 9. 50 | 51. 84 |
| 10. 40 | 52. 133 |
| 11. 1 | 53. 64 |
| 12. 6 | 54. 112 |
| 13. 7 | 55. 111 |
| 14. 12 | 56. 78 |
| 15. 14 | 57. 145 |
| 16. 10 | 58. 102 |
| 17. 37 | 59. 130 |
| 18. 54 | 60. 55 |
| 19. 63 | 61. 3 |
| 20. 70 | 62. 15 |
| 21. 5 | 63. 130 |
| 22. 22 | 64. 20 |
| 23. 22 | 65. 3 |
| 24. 15 | 66. 15 |
| 25. 18 | 67. 130 |
| 26. 16 | 68. 20 |
| 27. 15 | 69. 260 |
| 28. 20 | 70. 10 |
| 29. 11 | 71. $80 \times 3 = 240$ |
| 30. 43 | 72. $80 \times 2 = 160$ |
| 31. 3 | 73. $20 \times 8 = 160$ |
| 32. 6 | 74. $7 - 1.50 + 0.25 = 5.75$ |
| 33. 2 | 75. $5 + 3 = 8^{\text{th}}$ |
| 34. 2 | 76. $40 - 7 = 33$ |
| 35. 8 | 77. $6 + 44 = 50$ (lb) |
| 36. 3 | 78. $300 - 100 = 260$ |
| 37. 4 | $130 + 100 = 230$ (Adult's ticket) |
| 38. 4 | $260 \div 2 = 130$ (Child's ticket) |
| 39. 7 | 79. $4 \times 6 = 24$ |
| 40. 8 | 80. $28 \div 4 = 7$ |
| 41. 178 | |
| 42. 22 | |

MAP 225 (T2) Issue 3

81. $24 - 10 = 14$

$14 \div 2 = 7$

(a) 7

(b) $7 + 10 = 17$

82. 5 hours & 30 minutes

83. $38 + 26 = 64$ in

84. 3°

85. $2 + 3 = 5$

$5 \times 5 = \$25$

86. $8 \times 20 = \$160$

87. $3 \times 2 = 6$

88. $3 \times 4 = 12$

89. $50 \div 2 = 25$ miles

90. $6 \times 25 = 150$ miles

Answer Key

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|----------|-------------------------------------------------------------------|
| 1. 9 | 43. 9.2 |
| 2. 5 | 44. 15.1 |
| 3. 33 | 45. 5.8 |
| 4. 23 | 46. 3.3 |
| 5. 12 | 47. 2.1 |
| 6. 16 | 48. 6.2 |
| 7. 16 | 49. 9.1 |
| 8. 25 | 50. 17.4 |
| 9. 30 | 51. 11 |
| 10. 30 | 52. 10.5 |
| 11. 9 | 53. 14.4 |
| 12. 6 | 54. 11.2 |
| 13. 8 | 55. 17 |
| 14. 4 | 56. 15.8 |
| 15. 6 | 57. 11.72 |
| 16. 7 | 58. 4.25 |
| 17. 7 | 59. 12.63 |
| 18. 2 | 60. 7.07 |
| 19. 8 | 61. 4 |
| 20. 8 | 62. 20 |
| 21. 3 | 63. 140 |
| 22. 2 | 64. 40 |
| 23. 8 | 65. 4 |
| 24. 15 | 66. 20 |
| 25. 2 | 67. 140 |
| 26. 13 | 68. 40 |
| 27. 41 | 69. 280 |
| 28. 58 | 70. 11 |
| 29. 65 | 71. $24 \div 8 = 3$ |
| 30. 72 | 72. $29 - 11 = 18$ |
| 31. 2 | 73. $25 + 20 + 75 = 120$
$250 - 120 = 130$ |
| 32. 2 | |
| 33. 3 | 74. $1:30 + 0:45 = 1:75 = 2:15 = 2 \text{ hr \& } 15 \text{ min}$ |
| 34. 4 | 75. $15 + 28 = 43$ |
| 35. 5 | 76. $3 + 7 = 10$
$10 + 8 = 18$ |
| 36. 6 | 77. $8 \times 70 = 560$ |
| 37. 6 | 78. 14 |
| 38. 7 | 79. $12 + 114 + 8 + 10 = 144$ students |
| 39. 8 | 80. $12 - 4 = 8$ |
| 40. 9 | 81. $2 \times 2 = 4$
$13 - 4 = 9$
$9 \div 3 = 3$ |
| 41. 18.6 | |
| 42. 11 | |

MAP 225 (T2) Issue 4

82. There are 5 different flavors, each with 4 different sizes. Ans = $\boxed{20}$ choices

83. $12 \div 4 = 3$

84. $81 \div 9 = 9$

85. $5 + 3 \times (15 - 1) = 5 + 42 = \boxed{47}$

86. $65 + 55 = 120 = \boxed{2 \text{ min}}$

87. 9 marbles

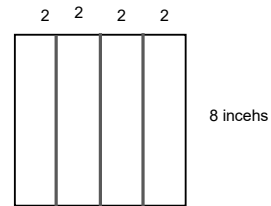
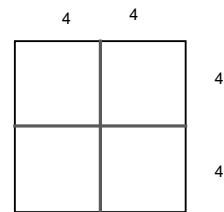
88. $21 \div 3 = 7$ rounds

89. $35 \div (6 + 1) = 5$

90. $2(12 + 10) = 44$

Answer Key

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|--------|-----------------------|
| 1. 10 | 43. 6 |
| 2. 7 | 44. 4 |
| 3. 17 | 45. 9 |
| 4. 34 | 46. 6 |
| 5. 38 | 47. 7 |
| 6. 13 | 48. 5 |
| 7. 18 | 49. 4 |
| 8. 23 | 50. 5 |
| 9. 40 | 51. 55 |
| 10. 20 | 52. 16 |
| 11. 7 | 53. 129 |
| 12. 9 | 54. 80 |
| 13. 2 | 55. 126 |
| 14. 2 | 56. 122 |
| 15. 11 | 57. 107 |
| 16. 12 | 58. 185 |
| 17. 13 | 59. 106 |
| 18. 17 | 60. 40 |
| 19. 21 | 61. 50 |
| 20. 19 | 62. $10 - 8 = 2$ (hr) |
| 21. 1 | 63. $90 - 33 = 57$ |
| 22. 7 | 64. $62 - 33 = 29$ |
| 23. 4 | 65. $58 + 37 = 95$ |
| 24. 13 | 66. $3 + 5 + 10 = 18$ |
| 25. 14 | 67. |
| 26. 11 | 4 by 4 or 2 by 8 |
| 27. 37 | |
| 28. 54 | |
| 29. 64 | |
| 30. 70 | |
| 31. 9 | |
| 32. 17 | |
| 33. 9 | |
| 34. 1 | |
| 35. 7 | |
| 36. 14 | |
| 37. 1 | |
| 38. 7 | |
| 39. 7 | |
| 40. 19 | |
| 41. 5 | |
| 42. 5 | |



68. $32 - 17 = 15$
 $32 + 15 = 47$

MAP 225 (T2) Issue 5

69. $10 + 20 + 40 + 80 =$ 150 hours

70. $30 \div 10 = 3$

71. $120 \div 60 = 2$ hrs

72. $6 \times 6 = 36$

73. $5 \times 20 = 100$

74. $5 \times 12 = 60$

75. $24 \div 8 = 3$ buckets

76. $23 \times 3 = 690$ (feet)

77. $6 \times 5 = 30$

78. $150 \div 50 = 3$ (hours)

79. $21 \div 7 = 3$

80. $16 \times 2 \times 10 = 320$

Answer Key

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|----------|-----------------------------------------------------------------------------------------------------|
| 1. 10 | 43. 16.7 |
| 2. 8 | 44. 11.5 |
| 3. 39 | 45. 8.5 |
| 4. 38 | 46. 9.4 |
| 5. 23 | 47. 4.1 |
| 6. 14 | 48. 6.8 |
| 7. 18 | 49. 5.6 |
| 8. 28 | 50. 15.6 |
| 9. 40 | 51. 16.4 |
| 10. 20 | 52. 6.3 |
| 11. 3 | 53. 13.3 |
| 12. 2 | 54. 14.6 |
| 13. 3 | 55. 12.2 |
| 14. 16 | 56. 16.7 |
| 15. 2 | 57. 15.03 |
| 16. 14 | 58. 15.56 |
| 17. 41 | 59. 8.85 |
| 18. 58 | 60. 14.09 |
| 19. 65 | 61. 5 |
| 20. 72 | 62. 30 |
| 21. 6 | 63. 150 |
| 22. 4 | 64. 60 |
| 23. 5 | 65. 5 |
| 24. 2 | 66. 30 |
| 25. 3 | 67. 150 |
| 26. 2 | 68. 60 |
| 27. 9 | 69. 300 |
| 28. 7 | 70. 12 |
| 29. 6 | 71. $4 \times 4 = 16$ |
| 30. 8 | 72. $64 - 8 = 56$ (books) left. Note: "12 books were by the same author" is irrelevant information. |
| 31. 16.7 | 73. 30 (Pamela) & 10 (Queen) |
| 32. 7.3 | 74. 33 (Pamela) & 13 (Queen) |
| 33. 14.3 | 75. $120 \div 20 = 6$ hrs |
| 34. 17.4 | 76. $2 \times 10 \times 50 = 1000$ |
| 35. 9.2 | 77. 4 boxes |
| 36. 4.5 | 78. $78 - 18 - 27 = 33$ |
| 37. 1.2 | 79. $2 \times 99 = \$1.98$ |
| 38. 5.7 | 80. $25 \div 5 = 5$ |
| 39. 2.5 | 81. $78 + 13 = 91$ |
| 40. 11.9 | 82. $57 + 23 = 80$ |
| 41. 12.1 | 83. $7 \times 8 = 56$ |
| 42. 11.3 | |

MAP 225 (T2) Issue 6

84. $20 \times 5 = 300$
 $300 - 86 = 214$
85. $11 + 14 = 25$
86. 20 cups

87. $2 + 3 = 5$ cups
88. 15 cups
89. 25 cups
90. $12 + 8 = 20$