

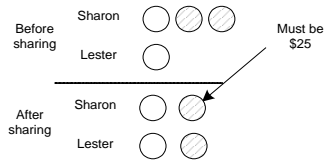
Answer Key

- | | |
|---|---|
| 1. $7\frac{7}{12}$ | 42. 4 |
| 2. $11/12$ | 43. $1/36$ |
| 3. $1\frac{2}{7}$ | 44. $1/49$ |
| 4. $6\frac{4}{9}$ | 45. 16 |
| 5. $1\frac{8}{11}$ | 46. $1/81$ |
| 6. $4/5$ | 47. $1/100$ |
| 7. $1\frac{4}{9}$ | 48. 4 |
| 8. $1\frac{3}{7}$ | 49. 100 |
| 9. 90 | 50. 25 |
| 10. $1\frac{2}{5}$ | 51. -14 |
| 11. $1/15$ | 52. -9 |
| 12. 3 | 53. -5 |
| 13. $1/15$ | 54. -5 |
| 14. 4 | 55. -14 |
| 15. 6 | 56. -1 |
| 16. 10 | 57. 4 |
| 17. $3/100$ | 58. -1 |
| 18. $21/40$ | 59. -2 |
| 19. $21/50$ | 60. 0 |
| 20. $4/9$ | 61. Boys:Girls = $12:8 = 3:2$ (reduced) |
| 21. $6\sqrt{2}$ | 62. $120:144 = 10:12 = 5:6$ |
| 22. $8\sqrt{3}$ | 63. $8\div 2 = 4$
$5\times 4 = 20$ grams |
| 23. $12\sqrt{3}$ | 64. $2.7\times 5\frac{1}{3}$
$= 2.7\times 5 + 2.7\times \frac{1}{3}$
$= 13.5 + 0.9$
$= 14.4$ |
| 24. $9\sqrt{6}$ | 65. $42.75\div 3 = \$14.25$ |
| 25. $9\sqrt{10}$ | 66. $184\div 8 = \boxed{23}$ (miles) |
| 26. 84 | 67. $36\div 4 = 9$ pounds |
| 27. 120 | 68. $40:15 = 8:3$ |
| 28. 150 | 69. $144\div 24 = 6$ gal |
| 29. 363 | 70. $25\times 5 = 125$ mi |
| 30. 5400 | 71. $6\times \frac{4}{8} = 3$ m |
| 31. $\frac{1}{20} = 1/20$ | 72. $46\div 4\frac{1}{2} = \$8$ per hour |
| 32. 2 | 73. $105\div 5\frac{1}{4} = 20$ miles per gallon |
| 33. 100 | 74. D |
| 34. 8 | 75. -4 |
| 35. $(\frac{6}{5})^3 = 1\frac{91}{125} = 1\frac{91}{125}$ | 76. $13 - 5 = 8$
$8\div 4 = 2$ |
| 36. 100 | 77. 16.8 |
| 37. $\frac{1}{16} = 1/16$ | |
| 38. 6400 | |
| 39. 196 | |
| 40. 44100 | |
| 41. $1/16$ | |

MAP 260 (T2) Issue 5

78. $27.50 \times 2 - 2.00 + 2.50 + 17.25$
 $= 55 - 2 + 2.5 + 17.25$
 $= 55.5 + 17.25$
 $= \$72.75$

79. \$75 for Sharon & \$25 for Lester
(See the following figure.)



80. $29 - 5 - 4 - 2 = 18$

$18 \div 3 = 6$

(a) $6 + 5 = 11$ (first)

(b) $6 + 4 = 10$ (second)

(c) $6 + 2 = 8$ (third)