

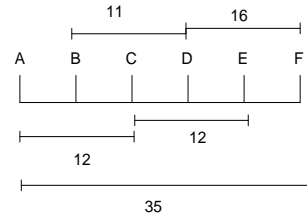
Answer Key

1. {1, 5, 23, 115 }
2. {1, 3, 37, 111 }
3. {1, 3, 9, 13, 39, 117 }
4. {1, 2, 4, 29, 58, 116 }
5. {1, 2, 3, 6, 19, 38, 57, 114 }
6. {1, 3, 5, 7, 15, 21, 35, 105 }
7. {1, 2, 4, 7, 8, 14, 16, 28, 56, 112 }
8. {1, 2, 5, 10, 11, 22, 55, 110 }
9. {1, 2, 4, 8, 13, 26, 52, 104 }
10. { 53, 59, 61, 67 }
11. $0.3 = \frac{3}{10}$
12. $\frac{25}{100} = \frac{1}{4}$
13. $0.6 = \frac{6}{10} = \frac{3}{5} = 3/5$
14. $0.12 = \frac{12}{100} = \frac{3}{25} = 3/25$
15. $0.8 = \frac{4}{5} = 4/5$
16. $0.24 = \frac{24}{100} = \frac{6}{25} = 6/25$
17. $0.25 = \frac{25}{100} = \frac{1}{4} = 1/4$
18. $0.36 = \frac{36}{100} = \frac{9}{25} = 9/25$
19. $9.85 = 9\frac{85}{100} = 9\frac{17}{20} = 9\ 17/20$
20. $2.65 = 2\frac{65}{100} = 2\frac{13}{20} = 2\ 13/20$
21. 40
22. 12
23. 60
24. 9
25. 50
26. 20
27. 3
28. 7
29. 30
30. 4
31. 0.027
32. 0.012
33. 0.02
34. 0.27
35. 0.0012
36. 0.027
37. 0.002
38. 0.0008
39. 0.016
40. 0.16
41. 900
42. 27000
43. 810000
44. 1600
45. 64000
46. 125000
47. 6250000
48. 3600
49. 216000
50. 4900
51. $2\frac{8}{24} = \frac{21}{24} + \frac{1\frac{8}{24}}{24} = 1\frac{11}{24}$
52. $\frac{21-1}{35} = \frac{20}{35} = \frac{4}{7}$
53. $\frac{9}{24} + \frac{4}{24} = \frac{13}{24}$
54. $\frac{28}{60} - \frac{60}{60} = \frac{7}{60}$
55. $\frac{7}{12} - \frac{3}{8} = \frac{14-9}{24} = \frac{5}{24}$
56. $\frac{21}{60} - \frac{2}{60} = \frac{19}{60}$
57. $8\frac{1}{8} + \frac{2}{8} = 8\frac{3}{8}$
58. $\frac{21}{35} - \frac{11}{35} = \frac{10}{35} = \frac{2}{7}$
59. $4\frac{1}{24} = \frac{21}{24} + \frac{3\frac{1}{24}}{24} = 3\frac{4}{24} = 3\frac{1}{6}$
60. $\frac{8}{30} - \frac{3}{5} = \frac{3}{30} = \frac{1}{10}$
61. 2/7
62. 3/17
63. 4/31
64. 5/8
65. 6/23
66. 7/10
67. 8/41

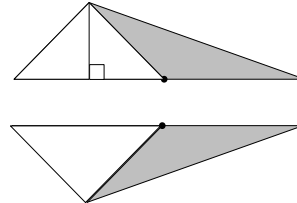
MAP 250 (T1) Issue 11

68. $9/73$
 69. $10/11$
 70. $7/12$
 71. $27/2 + 0.5 = 14$
 72. $18 \times (1 - 2/3) = 6$
 73. $26/13 \times 4.5 = 9$
 74. $84 / ((16/8) \times 7) = 6$
 75. $25/5 \times 2 = 10$
 76. $35 \times \frac{4}{5} = 28$
 $35 - 28 = 7$ (not ripe)
 77. $(31+3)/2 = 17$
 78. $36 \times \frac{1}{3} = 12$
 $36 - 12 = 24$ (not ripe)
 79. $8 \times (21/3) = 56$
 80. $120 - 120 \times (3/8) = 75$
 81. $72 \times (1 - 4/9) = 40$
 82. $1 \times 12 \times (1 - 2/3) = 4$
 83. $4 \times 20 + 5 \times 5 + 8 \times 2 = 121$
 84. $5280 \times (1 - 1/3) = 3520$
 85. $60/2 - 23 = 7$
 86. 5
 5 of them: 18, 29, 70, 81, 92
 87. 1.5
 $x = \frac{3}{5} + \frac{3}{5}x$
 $\frac{3}{5}x = \frac{3}{5}$
 $x = \boxed{1.5}$
 88. 3
 $10001 - 9998 = \boxed{3}$
 89. 99
 $49 \div 3 = 16 \text{ R } 1$
 $3 \times 2 \times 16 = 96$
 $3 \times 1 = 3$
 $96 + 3 = \boxed{\$99}$
 90. 20
 $10 + 50 = 60$
 $48 + 50 = 98$
 From 10 to 48, there are
 $(48 - 10) \div 2 + 1 = \boxed{20}$ pairs

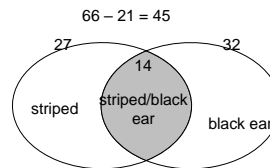
91. 16
 $EF = AF - (AC + CE) = 11$
 $BE = BD + DF - EF$
 $= 11 + 16 - 11$
 $= \boxed{16}$



92. 9781920
 93. 49
 The shaded and unshaded triangles have the same area since both have the same height with the same base length.
 So, the combined shaded area = $\boxed{49}$.



94. 14
 $66 - 21 = 45$
 $27 + 32 - 45 = \boxed{14}$



95. 3
 $20 = 4 \times 5 = 2 \times 10$
 Only if Ann's number = $\boxed{3}$, she can be ascertain that Bill is a factor of 20.