

# Answer Key

1. 81
2. 16900
3. 1.44
4. 27000000
5. 1000
6.  $\frac{1}{9} = 1/9$
7.  $\frac{1}{729} = 1/729$
8.  $\frac{25}{36} = 25/36$
9.  $1\frac{3}{7} = 1\ 3/7$
10.  $1\frac{2}{3} = 1\ 2/3$
11.  $19\frac{5}{12} = 19\ 5/12$
12.  $2\frac{5}{18} = 2\ 5/18$
13. 61
14.  $5\frac{3}{5} = 5\ 3/5$
15.  $1/7$
16.  $1/3$
17.  $2/7$
18. 4
19. 6
20.  $3/2$
21.  $2/9$
22.  $28/25$
23.  $1/4$
24.  $7/4$
25.  $1/8$
26.  $8/33$
27.  $1/3$
28.  $7/16$
29.  $7/15$
30.  $24/35$
31.  $2\sqrt{15}$
32.  $3\sqrt{21}$
33.  $4\sqrt{30}$
34.  $20\sqrt{2}$
35.  $18\sqrt{10}$
36. 12
37. 18
38. 88
39. 512
40. 567
41.  $5/11$
42.  $5/31$
43.  $5/46$
44.  $8/9$
45.  $2/3$
46.  $1/9$
47.  $64/49$
48.  $64/81$
49.  $4/9$
50.  $9/49$
51. -12
52. -13
53. -21
54. -10
55. -4
56. -2
57. 4
58. -1
59. 1
60. 2
61. D  
 $1 + 2 + 3 = 6$   
 $\frac{1+3}{6} = \frac{2}{3}$
62.  $5 \times 6 = 30$  tickets
63. D
64. 1
65. 4620
66. -0.037
67. 0.14
68. 30
69. 29 & 30
70. A
71. B
72. C
73. See the answer below.

67	1	43
13	37	61
31	73	7

74. A

## MAP 260 (T2) Issue 4

75. D

76. D

77. C

78.  $7.5 \times 36 = 15 \times 18 = 30 \times 9 = \$270$

79.  $40 \times 8 + 5 \times 12 = 320 + 60 = \$380$

80.  $\frac{580 - 40 \times 10}{15} + 40 = 52$  hr

81. 2 (the only prime that is even)

82.  $9 \times 10 \times 10 \times 1 = 900$

83.  $1.80 \div 3 = 0.60$  (each eraser)

$0.60 \times 12 = \$7.20$  (a dozen)