

## Answer Key

### Quantitative Review

1.

$$\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$$

2.

$$\frac{2}{3} \times \frac{3}{4} = \frac{2}{4} = \frac{1}{2}$$

3.

$$\frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

4.

$$\frac{2}{3} \times \frac{2}{4} = \frac{4}{12} = \frac{1}{3}$$

5.

$$\frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

6.

$$\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

8. Commutative property of addition  
9. Associative property of addition  
10. Identity property of addition  
11. Inverse property of addition  
12. Distributive property  
13. Inverse property of multiplication

14.  $17$   
15.  $33$  16.  $25$  17.  $19$  18.  $15$  19.  $11$  20.  $7$   
21.  $3$  22.  $28$  23.  $23$  24.  $18$  25.  $13$   
26.  $100.25$  27.  $100$  28.  $250,000$  per minute 29.  $84$   
30.  $-24$  31.  $-34$  32.  $34$  33.  $25$  34.  $25$  35.  $-25$   
36.  $15$  37.  $15$  38.  $270$  39.  $-527$  40.  $527$   
41.  $2000$  42.  $2d^2 - 3de$  43.  $ab - 4a^2 - 2d^2$   
44.  $100 - 27$  45.  $7x - 6y$  46.  $14x - 20y$   
47.  $100^2 = 10,000$  48.  $2$  49.  $101$  50.  $-2$   
51.  $-\frac{1}{3}$  52.  $2$  53.  $5$  54.  $8$  55.  $5$  56.  $3$  57.  $3$   
58.  $2$  59.  $-1$  60.  $\frac{1}{2}$  61.  $4$  62.  $4$

63.  $-\frac{1}{3}$  64.  $\frac{1}{2}$  65.  $\frac{1}{4}$  66.  $-\frac{1}{6}$  67.  $\frac{5}{12}$  68.  $\frac{1}{2}$   
69.  $\frac{1}{4}$

70.  $a + 4$   
71.  $a + 1$   
72.  $a + 2$   
73.  $a + 3$   
74.  $a + 4$   
75.  $a + 5$   
76.  $a + 6$   
77.  $a + 7$

$$78. a + 8$$

$$79. a + 9$$

$$80. a + 10$$

$$81. a + 11$$

$$82. a + 12$$

$$83. a + 13$$

$$84. a + 14$$

$$85. a + 15$$

$$86. a + 16$$

$$87. a + 17$$

$$88. a + 18$$

$$89. a + 19$$

$$90. a + 20$$

$$91. a + 21$$

$$92. a + 22$$

$$93. a + 23$$

$$94. a + 24$$

$$95. a + 25$$

$$96. a + 26$$

$$97. a + 27$$

$$98. a + 28$$

$$99. a + 29$$

$$100. a + 30$$

$$101. a + 31$$

$$102. a + 32$$

$$103. a + 33$$

$$104. a + 34$$

$$105. a + 35$$

$$106. a + 36$$

$$107. a + 37$$

$$108. a + 38$$

$$109. a + 39$$

$$110. a + 40$$