**Semester Exam Review – KEY**

1. 2•2•2•2•2
2. 0•0•0•0•0•0
3. 3•3•3•3•3•2•2•2•2
4. 75
5. 23
6. 34•85
7. 14
8. 12
9. 300
10. 54
11. 2
12. 3
13. C
14. D
15. $7.12
16. $103.49
17. 4.75
18. 32%
19. 0.05, $\frac{5}{10}$, 55%, 5
20. $2\frac{1}{8}$
21. $ 6\frac{3}{20}$
22. $ 16\frac{2}{3}$
23. $ 7\frac{1}{6}$
24. $ 21\frac{1}{2}$
25. $ 4\frac{9}{20}$
26. $ \frac{1}{4} • \frac{1}{3}=\frac{1}{12}$
27. -9 + 12 = 3
28. 25 – 48 = **-23**
29. -52 + 25 = **-27**
30. 12
31. -63
32. -30
33. 4
34. -16
35. 24
36. 12
37. -9
38. 3
39. 7
40. (model) 3*x* + 6 = -3; ***x* = -3**
41. x = -9
42. m = -6
43. g = 12
44. k = -50
45. $\frac{9}{20}$
46. 55%
47. 3x + 2 = 2x + 8; **x = 6**
48. ¼, 40%, 0.50, $\frac{2}{3}$, 80%
49. -70, -48, -15, $\frac{2}{5}$, 1
50. (model) = -2
51. 2*n* + 1
52. 4*n* – 6
53. 3, 8, 13, 18, 23
54. A’(1, 2), B’(-2, -3), C’(-6, -1)
55. D
56. H’(7, 2), R’(1, 6)
57. A
58. J
59. B
60. A
61. A