

Answer Key

Summer Packet ~ Rising 7th Grade

1. 5 2. 6.2 3. 21.06
4. $\frac{30}{63} = \frac{10}{21}$ 5. $\frac{11}{10}$ or $1\frac{1}{10}$ 6. $\frac{1}{6}$
7. \$13.95 8. > 9. =
10. $5w + 50$ 11. $x = 5$ 12. $x = 8$
13. $x = 10$ 14. $x = 6$ 15. $x = 13$
16. $x = 33$ 17. 62 cm^2 18. yes
19. yes 20. no 21. 28 m^2 22. 6 ft^2
23. 25.12 in. 24. 89% 25. 237%
26. 0.29% 27. 0.03 28. 0.78 29. 5.0
30. 68% 31. 60%, $\frac{5}{8}$, 0.64
32. $\frac{4}{15}$, 0.3, 34% 33. 5.8%, $\frac{14}{25}$, 0.57
34. 150 35. 8 36. 10
37. mean: 8; median: 7; mode: 5; range: 11
38. mean: 5.25; median: 5; mode: none; range: 9
39. median: 130; The outlier of 409 throws off the mean.
40. 1008 41. 16 42. 8
43. 0.65 44. 0.375 45. 0.525