

Chapter 11, pages 659–662 1. < 3. <

5. $\frac{2}{3}$, $\frac{12}{17}$, $\frac{5}{7}$, $\frac{11}{15}$ 7. $\frac{1135}{1517}$ 9. $\frac{111}{56}$

11. increases 13. decreases 15. $0.\overline{4}$ 17. 3.5

19. $0.7\overline{45}$ 21. $\frac{2}{3}$ 23. $\frac{235}{99}$ 25. 0.6275

27. $0.6\overline{32}$ 29. $\frac{4}{9}$, $\frac{2}{3}$, $\frac{8}{27}$ 31. 21 33. 52

35. 104 37. 0.8 39. 0.12 41. $\frac{3}{5}$ 43. $\frac{9}{22}$

45. $\frac{8}{9}$ 47. $4\sqrt{11}$ 49. $12\sqrt{11}$ 51. $90\sqrt{2}$

53. $4\sqrt{42}$ 55. $21\sqrt{6}$ 57. -28.3 59. 91.7