

Chapter 3 Review Exercise Answers

1. Mixed number 2. Improper fraction 3. Complex fraction 4. Proper fraction
5. $\frac{15}{8}$ 6. $\frac{31}{9}$ 7. $\frac{31}{6}$ 8. $\frac{51}{4}$
9. $4\frac{3}{5}$ 10. $4\frac{2}{3}$ 11. $7\frac{7}{9}$ 12. $8\frac{1}{2}$
13. $\frac{15}{28}$ 14. $\frac{27}{10} = 2\frac{7}{10}$ 15. $\frac{63}{8} = 7\frac{7}{8}$ 16. $\frac{28}{15} = 1\frac{13}{15}$
17. $\frac{1}{3}$ 18. $\frac{1}{4}$ 19. $\frac{2}{9}$ 20. $\frac{2}{5}$
21. $\frac{3}{11}$ 22. $\frac{3}{4}$ 23. $\frac{7}{3} = 2\frac{1}{3}$ 24. $\frac{9}{4} = 2\frac{1}{4}$
25. $\frac{5}{2} = 2\frac{1}{2}$ 26. $\frac{5}{4} = 1\frac{1}{4}$ 27. $\frac{5}{2} = 2\frac{1}{2}$ 28. $\frac{9}{4} = 2\frac{1}{4}$
29. $\frac{1}{4}$ 30. $\frac{5}{2} = 2\frac{1}{2}$ 31. 6 32. 8
33. $\frac{7}{15}$ 34. $\frac{1}{3}$ 35. $\frac{3}{5}$ 36. $\frac{14}{27}$
37. $\frac{7}{9}$ 38. $\frac{3}{14}$ 39. $\frac{1}{20}$ 40. $\frac{21}{20} = 1\frac{1}{20}$
41. $\frac{5}{6}$ 42. 6 43. 5 44. $\frac{9}{20}$
45. 9 46. $\frac{5}{6}$ 47. $\frac{49}{4} = 12\frac{1}{4}$ 48. $\frac{38}{5} = 7\frac{3}{5}$
49. 45 50. $\frac{23}{2} = 11\frac{1}{2}$ 51. 70 52. 32
53. $\frac{2}{15}$ 54. $\frac{5}{7}$ 55. $\frac{1}{10}$ 56. $\frac{7}{2} = 3\frac{1}{2}$

57. $\frac{5}{3} = 1\frac{2}{3}$

58. $\frac{7}{2} = 3\frac{1}{2}$

59. There are 28 women in Ms. Grecu's class.**60.** There are 8 pounds of meat in 12 patties.

61. 9 in^2

62. 3 in^2

63. $\frac{4}{9}$

64. 8

65. $\frac{1}{4}$

66. Undefined

67. $\frac{11}{10} = 1\frac{1}{10}$

68. 1

69. $\frac{2}{7}$

70. 6

71. $\frac{7}{2} = 3\frac{1}{2}$

72. $\frac{10}{3} = 3\frac{1}{3}$

73. $\frac{13}{4} = 3\frac{1}{4}$

74. $\frac{1}{14}$

75. $\frac{3}{10}$

76. $\frac{16}{15} = 1\frac{1}{15}$

77. 3

78. $\frac{9}{28}$

79. $\frac{9}{16}$

80. $\frac{3}{2} = 1\frac{1}{2}$

81. $\frac{6}{5} = 1\frac{1}{5}$

82. $\frac{10}{3} = 3\frac{1}{3}$

83. $\frac{2}{3}$

84. $\frac{5}{6}$

85. $\frac{2}{9}$

86. $\frac{16}{3} = 5\frac{1}{3}$

87. $n = \frac{3}{2} = 1\frac{1}{2}$

88. $n = \frac{1}{4}$

89. $n = \frac{3}{2} = 1\frac{1}{2}$

90. $n = \frac{4}{3} = 1\frac{1}{3}$

91. $\frac{7}{10} = n$

92. $\frac{4}{5} = n$

93. $n = 20$

94. $n = 21$

95. $\frac{6}{5} = 1\frac{1}{5} = n$

96. $\frac{15}{4} = 3\frac{3}{4} = n$

97. $\frac{20}{3} = 6\frac{2}{3} = n$

98. $\frac{15}{16} = n$

99. $n = \frac{6}{7}$

100. $n = \frac{4}{3} = 1\frac{1}{3}$

101. $3 = n$

102. $\frac{6}{5} = 1\frac{1}{5} = n$

- 103.** Tanya should run $6\frac{2}{3}$ miles each day next week.
- 104.** Dimitri must work 24 Saturdays to fulfill his 80-hour obligation.
- 105.** Seven portraits can fit on the wall side by side.