

Name: _____

Date: _____

Complete the equivalent fractions.

1. $\frac{1}{8} = \frac{10}{80}$

2. $\frac{1}{3} = \frac{6}{18}$

3. $\frac{1}{3} = \frac{10}{30}$

4. $\frac{3}{4} = \frac{6}{8}$

5. $\frac{2}{4} = \frac{4}{8}$

6. $\frac{2}{3} = \frac{6}{9}$

7. $\frac{3}{5} = \frac{27}{45}$

8. $\frac{2}{4} = \frac{14}{28}$

9. $\frac{1}{5} = \frac{9}{45}$

10. $\frac{3}{5} = \frac{21}{35}$

11. $\frac{4}{5} = \frac{32}{40}$

12. $\frac{3}{6} = \frac{24}{48}$

13. $\frac{5}{8} = \frac{10}{16}$

14. $\frac{3}{6} = \frac{21}{42}$

15. $\frac{2}{6} = \frac{14}{42}$

Simplify the following proper fractions.

16. $\frac{10}{25} = \frac{2}{5}$

17. $\frac{8}{12} = \frac{2}{3}$

18. $\frac{12}{30} = \frac{2}{5}$

19. $\frac{20}{25} = \frac{4}{5}$

20. $\frac{8}{16} = \frac{1}{2}$

21. $\frac{15}{25} = \frac{3}{5}$

22. $\frac{6}{30} = \frac{1}{5}$

23. $\frac{10}{15} = \frac{2}{3}$

24. $\frac{10}{12} = \frac{5}{6}$

25. $\frac{5}{20} = \frac{1}{4}$

26. $\frac{3}{9} = \frac{1}{3}$

27. $\frac{18}{24} = \frac{3}{4}$

28. $\frac{30}{40} = \frac{3}{4}$

29. $\frac{12}{24} = \frac{1}{2}$

30. $\frac{30}{36} = \frac{5}{6}$

31. $\frac{2}{6} = \frac{1}{3}$

Simplify the following improper fractions. Answer should be a mixed number.

32. $\frac{33}{12} = 2\frac{3}{4}$

33. $\frac{34}{12} = 2\frac{5}{6}$

34. $\frac{25}{15} = 1\frac{2}{3}$

35. $\frac{15}{12} = 1\frac{1}{4}$

36. $\frac{10}{8} = 1\frac{1}{4}$

37. $\frac{36}{20} = 1\frac{4}{5}$

38. $\frac{68}{32} = 2\frac{1}{8}$

39. $\frac{66}{36} = 1\frac{5}{6}$

40. $\frac{28}{10} = 2\frac{4}{5}$

41. $\frac{20}{12} = 1\frac{2}{3}$

42. $\frac{30}{12} = 2\frac{1}{2}$

43. $\frac{22}{10} = 2\frac{1}{5}$

44. $\frac{50}{40} = 1\frac{1}{4}$

45. $\frac{20}{16} = 1\frac{1}{4}$

46. $\frac{132}{48} = 2\frac{3}{4}$

47. $\frac{12}{8} = 1\frac{1}{2}$

Simplify the following improper fractions. Answer will be a whole number.

48. $\frac{18}{18} = 1$

49. $\frac{40}{40} = 1$

50. $\frac{12}{12} = 1$

51. $\frac{34}{17} = 2$

52. $\frac{38}{19} = 2$

53. $\frac{26}{13} = 2$

54. $\frac{30}{15} = 2$

55. $\frac{24}{12} = 2$

Name: _____

Date: _____

Find the sum.

$$\begin{array}{r} 56. \quad \frac{7}{8} \\ + \quad \frac{1}{8} \\ \hline 1 \end{array}$$

$$\begin{array}{r} 57. \quad \frac{1}{8} \\ + \quad \frac{1}{8} \\ \hline \frac{1}{4} \end{array}$$

$$\begin{array}{r} 58. \quad \frac{1}{3} \\ + \quad \frac{1}{3} \\ \hline \frac{2}{3} \end{array}$$

$$\begin{array}{r} 59. \quad \frac{1}{4} \\ + \quad \frac{3}{4} \\ \hline 1 \end{array}$$

$$\begin{array}{r} 60. \quad \frac{7}{8} \\ + \quad \frac{3}{8} \\ \hline 1\frac{1}{4} \end{array}$$

$$\begin{array}{r} 61. \quad \frac{3}{5} \\ + \quad \frac{4}{5} \\ \hline 1\frac{2}{5} \end{array}$$

$$\begin{array}{r} 62. \quad \frac{1}{6} \\ + \quad \frac{1}{6} \\ \hline \frac{1}{3} \end{array}$$

$$\begin{array}{r} 63. \quad \frac{3}{4} \\ + \quad \frac{3}{4} \\ \hline 1\frac{1}{2} \end{array}$$

$$\begin{array}{r} 64. \quad \frac{5}{6} \\ + \quad \frac{1}{6} \\ \hline 1 \end{array}$$

$$\begin{array}{r} 65. \quad \frac{5}{8} \\ + \quad \frac{5}{8} \\ \hline 1\frac{1}{4} \end{array}$$

Find the sum.

$$\begin{array}{r} 66. \quad 9\frac{5}{6} \\ + \quad 2\frac{1}{6} \\ \hline 12 \end{array}$$

$$\begin{array}{r} 67. \quad 9\frac{1}{6} \\ + \quad 3\frac{5}{6} \\ \hline 13 \end{array}$$

$$\begin{array}{r} 68. \quad 5\frac{4}{5} \\ + \quad 4\frac{2}{5} \\ \hline 10\frac{1}{5} \end{array}$$

$$\begin{array}{r} 69. \quad 7\frac{1}{4} \\ + \quad 5\frac{1}{4} \\ \hline 12\frac{1}{2} \end{array}$$

$$\begin{array}{r} 70. \quad 3\frac{3}{4} \\ + \quad 8\frac{1}{4} \\ \hline 12 \end{array}$$

$$\begin{array}{r} 71. \quad 8\frac{3}{4} \\ + \quad 5\frac{3}{4} \\ \hline 14\frac{1}{2} \end{array}$$

$$\begin{array}{r} 72. \quad 8\frac{1}{8} \\ + \quad 5\frac{5}{8} \\ \hline 13\frac{3}{4} \end{array}$$

$$\begin{array}{r} 73. \quad 2\frac{3}{5} \\ + \quad 7\frac{4}{5} \\ \hline 10\frac{2}{5} \end{array}$$

$$\begin{array}{r} 74. \quad 7\frac{5}{8} \\ + \quad 3\frac{1}{8} \\ \hline 10\frac{3}{4} \end{array}$$

$$\begin{array}{r} 75. \quad 1\frac{2}{3} \\ + \quad 9\frac{1}{3} \\ \hline 11 \end{array}$$

Find the sum.

$$\begin{array}{r} 76. \quad 6\frac{10}{12} \\ + \quad 6\frac{5}{12} \\ \hline 13\frac{1}{4} \end{array}$$

$$\begin{array}{r} 77. \quad 5\frac{1}{15} \\ + \quad 2\frac{14}{15} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 78. \quad 3\frac{2}{14} \\ + \quad 2\frac{7}{14} \\ \hline 5\frac{9}{14} \end{array}$$

$$\begin{array}{r} 79. \quad 7\frac{2}{19} \\ + \quad 8\frac{9}{19} \\ \hline 15\frac{11}{19} \end{array}$$

$$\begin{array}{r} 80. \quad 5\frac{15}{17} \\ + \quad 7\frac{10}{17} \\ \hline 13\frac{8}{17} \end{array}$$

$$\begin{array}{r} 81. \quad 3\frac{4}{14} \\ + \quad 1\frac{11}{14} \\ \hline 5\frac{1}{14} \end{array}$$

$$\begin{array}{r} 82. \quad 3\frac{3}{10} \\ + \quad 1\frac{2}{10} \\ \hline 4\frac{1}{2} \end{array}$$

$$\begin{array}{r} 83. \quad 7\frac{3}{12} \\ + \quad 7\frac{7}{12} \\ \hline 14\frac{5}{6} \end{array}$$

$$\begin{array}{r} 84. \quad 3\frac{11}{30} \\ + \quad 4\frac{20}{30} \\ \hline 8\frac{1}{30} \end{array}$$

$$\begin{array}{r} 85. \quad 7\frac{1}{10} \\ + \quad 8\frac{1}{10} \\ \hline 15\frac{1}{5} \end{array}$$

Find the sum.

$$\begin{array}{r} 86. \quad \frac{3}{5} \\ + \quad \frac{1}{6} \\ \hline \frac{23}{30} \end{array}$$

$$\begin{array}{r} 87. \quad \frac{1}{4} \\ + \quad \frac{4}{5} \\ \hline 1\frac{1}{20} \end{array}$$

$$\begin{array}{r} 88. \quad \frac{1}{3} \\ + \quad \frac{4}{8} \\ \hline \frac{5}{6} \end{array}$$

$$\begin{array}{r} 89. \quad \frac{1}{8} \\ + \quad \frac{1}{4} \\ \hline \frac{3}{8} \end{array}$$

Name: _____

Date: _____

$$\begin{array}{r} 90. \quad \frac{1}{4} \\ + \quad \frac{1}{5} \\ \hline \frac{9}{20} \end{array}$$

$$\begin{array}{r} 91. \quad \frac{3}{4} \\ + \quad \frac{1}{8} \\ \hline \frac{7}{8} \end{array}$$

$$\begin{array}{r} 92. \quad \frac{4}{5} \\ + \quad \frac{2}{3} \\ \hline 1\frac{7}{15} \end{array}$$

$$\begin{array}{r} 93. \quad \frac{1}{3} \\ + \quad \frac{1}{4} \\ \hline \frac{7}{12} \end{array}$$

$$\begin{array}{r} 94. \quad \frac{1}{3} \\ + \quad \frac{1}{5} \\ \hline \frac{8}{15} \end{array}$$

$$\begin{array}{r} 95. \quad \frac{7}{8} \\ + \quad \frac{2}{3} \\ \hline 1\frac{13}{24} \end{array}$$

$$\begin{array}{r} 96. \quad \frac{3}{4} \\ + \quad \frac{1}{5} \\ \hline \frac{19}{20} \end{array}$$

$$\begin{array}{r} 97. \quad \frac{1}{3} \\ + \quad \frac{2}{4} \\ \hline \frac{5}{6} \end{array}$$

Find the sum.

$$\begin{array}{r} 98. \quad 3\frac{2}{5} \\ + \quad 4\frac{5}{8} \\ \hline 8\frac{1}{40} \end{array}$$

$$\begin{array}{r} 99. \quad 8\frac{3}{4} \\ + \quad 1\frac{3}{6} \\ \hline 10\frac{1}{4} \end{array}$$

$$\begin{array}{r} 100. \quad 8\frac{1}{3} \\ + \quad 4\frac{5}{6} \\ \hline 13\frac{1}{6} \end{array}$$

$$\begin{array}{r} 101. \quad 6\frac{3}{7} \\ + \quad 7\frac{2}{4} \\ \hline 13\frac{13}{14} \end{array}$$

$$\begin{array}{r} 102. \quad 2\frac{6}{8} \\ + \quad 6\frac{1}{6} \\ \hline 8\frac{11}{12} \end{array}$$

$$\begin{array}{r} 103. \quad 8\frac{2}{8} \\ + \quad 4\frac{1}{3} \\ \hline 12\frac{7}{12} \end{array}$$

$$\begin{array}{r} 104. \quad 6\frac{3}{8} \\ + \quad 9\frac{1}{3} \\ \hline 15\frac{17}{24} \end{array}$$

$$\begin{array}{r} 105. \quad 9\frac{2}{4} \\ + \quad 2\frac{4}{5} \\ \hline 12\frac{3}{10} \end{array}$$

$$\begin{array}{r} 106. \quad 9\frac{3}{5} \\ + \quad 3\frac{2}{4} \\ \hline 13\frac{1}{10} \end{array}$$

$$\begin{array}{r} 107. \quad 1\frac{2}{8} \\ + \quad 1\frac{1}{6} \\ \hline 2\frac{5}{12} \end{array}$$

$$\begin{array}{r} 108. \quad 1\frac{1}{3} \\ + \quad 5\frac{5}{6} \\ \hline 7\frac{1}{6} \end{array}$$

$$\begin{array}{r} 109. \quad 4\frac{5}{8} \\ + \quad 5\frac{2}{3} \\ \hline 10\frac{7}{24} \end{array}$$

Find the sum.

$$\begin{array}{r} 110. \quad 8\frac{2}{4} \\ + \quad 9\frac{1}{6} \\ \hline 17\frac{2}{3} \end{array}$$

$$\begin{array}{r} 111. \quad 2\frac{1}{3} \\ + \quad 5\frac{3}{4} \\ \hline 8\frac{1}{12} \end{array}$$

$$\begin{array}{r} 112. \quad \frac{4}{5} \\ + \quad \frac{3}{5} \\ \hline 1\frac{2}{5} \end{array}$$

$$\begin{array}{r} 113. \quad 5\frac{2}{3} \\ + \quad 8\frac{3}{6} \\ \hline 14\frac{1}{6} \end{array}$$

$$\begin{array}{r} 114. \quad \frac{3}{4} \\ + \quad \frac{2}{4} \\ \hline 1\frac{1}{4} \end{array}$$

$$\begin{array}{r} 115. \quad 5\frac{1}{4} \\ + \quad 4\frac{1}{5} \\ \hline 9\frac{9}{20} \end{array}$$

$$\begin{array}{r} 116. \quad 1\frac{2}{4} \\ + \quad 5\frac{4}{8} \\ \hline 7 \end{array}$$

$$\begin{array}{r} 117. \quad 8\frac{2}{4} \\ + \quad 5\frac{1}{3} \\ \hline 13\frac{5}{6} \end{array}$$

$$\begin{array}{r} 118. \quad 8\frac{4}{6} \\ + \quad 6\frac{3}{4} \\ \hline 15\frac{5}{12} \end{array}$$

$$\begin{array}{r} 119. \quad 6\frac{2}{6} \\ + \quad 3\frac{1}{6} \\ \hline 9\frac{1}{2} \end{array}$$