

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Complete the equivalent fractions.

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

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

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

4.  $\frac{1}{4} = \frac{6}{8}$

5.  $\frac{1}{4} = \frac{4}{8}$

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

7.  $\frac{1}{5} = \frac{27}{45}$

8.  $\frac{1}{4} = \frac{14}{28}$

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

10.  $\frac{1}{5} = \frac{21}{35}$

11.  $\frac{1}{5} = \frac{32}{40}$

12.  $\frac{1}{6} = \frac{24}{48}$

13.  $\frac{1}{8} = \frac{\quad}{16}$

14.  $\frac{1}{6} = \frac{21}{42}$

15.  $\frac{1}{6} = \frac{14}{42}$

Simplify the following proper fractions.

16.  $\frac{10}{25} =$  \_\_\_\_\_

17.  $\frac{8}{12} =$  \_\_\_\_\_

18.  $\frac{12}{30} =$  \_\_\_\_\_

19.  $\frac{20}{25} =$  \_\_\_\_\_

20.  $\frac{8}{16} =$  \_\_\_\_\_

21.  $\frac{15}{25} =$  \_\_\_\_\_

22.  $\frac{6}{30} =$  \_\_\_\_\_

23.  $\frac{10}{15} =$  \_\_\_\_\_

24.  $\frac{10}{12} =$  \_\_\_\_\_

25.  $\frac{5}{20} =$  \_\_\_\_\_

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

27.  $\frac{18}{24} =$  \_\_\_\_\_

28.  $\frac{30}{40} =$  \_\_\_\_\_

29.  $\frac{12}{24} =$  \_\_\_\_\_

30.  $\frac{30}{36} =$  \_\_\_\_\_

31.  $\frac{2}{6} =$  \_\_\_\_\_

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

32.  $\frac{33}{12} =$  \_\_\_\_\_

33.  $\frac{34}{12} =$  \_\_\_\_\_

34.  $\frac{25}{15} =$  \_\_\_\_\_

35.  $\frac{15}{12} =$  \_\_\_\_\_

36.  $\frac{10}{8} =$  \_\_\_\_\_

37.  $\frac{36}{20} =$  \_\_\_\_\_

38.  $\frac{68}{32} =$  \_\_\_\_\_

39.  $\frac{66}{36} =$  \_\_\_\_\_

40.  $\frac{28}{10} =$  \_\_\_\_\_

41.  $\frac{20}{12} =$  \_\_\_\_\_

42.  $\frac{30}{12} =$  \_\_\_\_\_

43.  $\frac{22}{10} =$  \_\_\_\_\_

44.  $\frac{50}{40} =$  \_\_\_\_\_

45.  $\frac{20}{16} =$  \_\_\_\_\_

46.  $\frac{132}{48} =$  \_\_\_\_\_

47.  $\frac{12}{8} =$  \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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Find the sum.

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

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

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

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

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

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

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

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

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

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

Find the sum.

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

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

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

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

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

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

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

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

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

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

Find the sum.

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

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

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

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

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

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

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

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

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

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

Find the sum.

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

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

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

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

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

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

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

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

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

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

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

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

Find the sum.

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

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

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

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

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

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

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

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

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

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

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

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

Find the sum.

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

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

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

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

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

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

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

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

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

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