

Compare the fractions.

1. $\frac{5}{8}$ $\frac{3}{8}$ 2. $\frac{4}{8}$ $\frac{2}{3}$ 3. $\frac{1}{8}$ $\frac{2}{4}$ 4. $\frac{2}{4}$ $\frac{5}{8}$ 5. $\frac{3}{4}$ $\frac{2}{3}$ 6. $\frac{2}{5}$ $\frac{5}{8}$ 7. $\frac{3}{4}$ $\frac{2}{5}$

8. $\frac{2}{5}$ $\frac{1}{6}$ 9. $\frac{3}{6}$ $\frac{1}{3}$ 10. $\frac{1}{4}$ $\frac{3}{4}$

Divide.

11. $7 \div \frac{4}{6} =$ _____ 12. $3 \div \frac{1}{5} =$ _____ 13. $5 \div \frac{2}{4} =$ _____ 14. $9 \div \frac{3}{5} =$ _____

15. $4 \div \frac{1}{8} =$ _____ 16. $9 \div \frac{2}{3} =$ _____ 17. $6 \div \frac{4}{6} =$ _____ 18. $5 \div \frac{3}{5} =$ _____

19. $1 \div \frac{1}{5} =$ _____ 20. $9 \div \frac{1}{4} =$ _____

Complete the equivalent fractions.

21. $\frac{2}{5} = \frac{\quad}{10}$ 22. $\frac{8}{8} = \frac{35}{56}$ 23. $\frac{2}{3} = \frac{\quad}{15}$ 24. $\frac{7}{8} = \frac{\quad}{80}$ 25. $\frac{1}{4} = \frac{\quad}{32}$ 26. $\frac{6}{6} = \frac{45}{54}$

27. $\frac{6}{6} = \frac{12}{18}$ 28. $\frac{1}{5} = \frac{\quad}{25}$ 29. $\frac{4}{4} = \frac{21}{28}$ 30. $\frac{3}{5} = \frac{\quad}{35}$

Find the sum.

31.
$$\begin{array}{r} \frac{2}{3} \\ + \frac{2}{3} \\ \hline \end{array}$$
 32.
$$\begin{array}{r} \frac{1}{4} \\ + \frac{3}{4} \\ \hline \end{array}$$
 33.
$$\begin{array}{r} \frac{6}{8} \\ + \frac{7}{8} \\ \hline \end{array}$$
 34.
$$\begin{array}{r} \frac{1}{5} \\ + \frac{4}{5} \\ \hline \end{array}$$
 35.
$$\begin{array}{r} \frac{4}{8} \\ + \frac{4}{8} \\ \hline \end{array}$$
 36.
$$\begin{array}{r} \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$
 37.
$$\begin{array}{r} \frac{1}{3} \\ + \frac{2}{3} \\ \hline \end{array}$$

38.
$$\begin{array}{r} \frac{3}{8} \\ + \frac{6}{8} \\ \hline \end{array}$$
 39.
$$\begin{array}{r} \frac{7}{8} \\ + \frac{5}{8} \\ \hline \end{array}$$
 40.
$$\begin{array}{r} \frac{2}{3} \\ + \frac{1}{3} \\ \hline \end{array}$$

Convert.

41. $\frac{1}{5} =$ _____ 42. $\frac{1}{4} =$ _____ 43. $\frac{2}{3} =$ _____ 44. $\frac{4}{5} =$ _____ 45. $\frac{1}{6} =$ _____

46. $\frac{2}{8} =$ _____ 47. $\frac{2}{4} =$ _____ 48. $\frac{3}{4} =$ _____ 49. $\frac{3}{8} =$ _____ 50. $\frac{1}{3} =$ _____

Find the quotient.

51. $\frac{1}{3} \div \frac{2}{3} =$ _____ 52. $\frac{3}{5} \div \frac{3}{5} =$ _____ 53. $\frac{1}{5} \div \frac{4}{5} =$ _____ 54. $\frac{2}{3} \div \frac{1}{3} =$ _____ 55. $\frac{3}{8} \div \frac{1}{8} =$ _____

56. $\frac{1}{3} \div \frac{1}{3} =$ _____ 57. $\frac{1}{4} \div \frac{1}{4} =$ _____ 58. $\frac{3}{4} \div \frac{1}{4} =$ _____ 59. $\frac{2}{5} \div \frac{2}{5} =$ _____ 60. $\frac{3}{6} \div \frac{1}{6} =$ _____

Find the product.

61. $\frac{4}{6} \times \frac{4}{6} =$ _____ 62. $\frac{1}{5} \times \frac{3}{5} =$ _____ 63. $\frac{2}{4} \times \frac{1}{4} =$ _____ 64. $\frac{4}{8} \times \frac{4}{8} =$ _____ 65. $\frac{1}{4} \times \frac{3}{4} =$ _____

66. $\frac{3}{4} \times \frac{1}{4} =$ _____ 67. $\frac{1}{6} \times \frac{2}{6} =$ _____ 68. $\frac{4}{8} \times \frac{6}{8} =$ _____ 69. $\frac{2}{5} \times \frac{1}{5} =$ _____ 70. $\frac{2}{4} \times \frac{2}{4} =$ _____

Find the difference.

71. $\begin{array}{r} \frac{4}{5} \\ - \frac{3}{5} \\ \hline \end{array}$ 72. $\begin{array}{r} \frac{3}{6} \\ - \frac{2}{6} \\ \hline \end{array}$ 73. $\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$ 74. $\begin{array}{r} \frac{3}{4} \\ - \frac{2}{4} \\ \hline \end{array}$ 75. $\begin{array}{r} \frac{4}{6} \\ - \frac{2}{6} \\ \hline \end{array}$ 76. $\begin{array}{r} \frac{7}{8} \\ - \frac{5}{8} \\ \hline \end{array}$ 77. $\begin{array}{r} \frac{2}{5} \\ - \frac{1}{5} \\ \hline \end{array}$

78. $\begin{array}{r} \frac{5}{6} \\ - \frac{2}{6} \\ \hline \end{array}$ 79. $\begin{array}{r} \frac{4}{6} \\ - \frac{3}{6} \\ \hline \end{array}$ 80. $\begin{array}{r} \frac{5}{6} \\ - \frac{4}{6} \\ \hline \end{array}$

Calculate.

81. $8\frac{3}{4} + 6\frac{2}{4} =$ _____ 82. $8\frac{2}{3} + 4\frac{2}{3} =$ _____ 83. $6\frac{2}{5} + 1\frac{4}{5} =$ _____ 84. $5\frac{3}{5} + 3\frac{2}{5} =$ _____

85. $5\frac{4}{6} + 4\frac{1}{6} =$ _____ 86. $5\frac{4}{6} + 2\frac{5}{6} =$ _____ 87. $7\frac{1}{4} + 4\frac{3}{4} =$ _____ 88. $8\frac{4}{8} + 9\frac{3}{8} =$ _____

89. $4\frac{1}{5} + 2\frac{4}{5} =$ _____ 90. $9\frac{1}{5} + 6\frac{2}{5} =$ _____

Multiply.

91. $\frac{1}{3}$ of 9 = _____ 92. $\frac{3}{4}$ of 2 = _____ 93. $\frac{1}{4}$ of 5 = _____ 94. $\frac{2}{3}$ of 3 = _____

95. $\frac{1}{8}$ of 1 = _____ 96. $\frac{6}{8}$ of 7 = _____ 97. $\frac{1}{8}$ of 8 = _____ 98. $\frac{2}{4}$ of 6 = _____

99. $\frac{3}{6}$ of 1 = _____ 100. $\frac{2}{4}$ of 4 = _____

Name: _____

11/2/2008

Simplify the fractions.

101. $\frac{6}{24} =$ _____ 102. $\frac{25}{30} =$ _____ 103. $\frac{10}{30} =$ _____ 104. $\frac{6}{8} =$ _____ 105. $\frac{35}{40} =$ _____ 106. $\frac{8}{12} =$ _____

107. $\frac{15}{20} =$ _____ 108. $\frac{4}{20} =$ _____ 109. $\frac{2}{6} =$ _____ 110. $\frac{18}{30} =$ _____