

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. $7 \div \frac{4}{6} = 10\frac{1}{2}$ 12. $3 \div \frac{1}{5} = 15$ 13. $5 \div \frac{2}{4} = 10$ 14. $9 \div \frac{3}{5} = 15$

15. $4 \div \frac{1}{8} = 32$ 16. $9 \div \frac{2}{3} = 13\frac{1}{2}$ 17. $6 \div \frac{4}{6} = 9$ 18. $5 \div \frac{3}{5} = 8\frac{1}{3}$

19. $1 \div \frac{1}{5} = 5$ 20. $9 \div \frac{1}{4} = 36$

Complete the equivalent fractions.

21. $\frac{2}{5} = \frac{4}{10}$ 22. $\frac{5}{8} = \frac{35}{56}$ 23. $\frac{2}{3} = \frac{10}{15}$ 24. $\frac{7}{8} = \frac{70}{80}$ 25. $\frac{1}{4} = \frac{8}{32}$ 26. $\frac{5}{6} = \frac{45}{54}$

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

Find the sum.

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

38.	$\frac{3}{8}$	39.	$\frac{7}{8}$	40.	$\frac{2}{3}$
	$+$		$+$		$+$
	$\frac{6}{8}$		$\frac{5}{8}$		$\frac{1}{3}$
	$1\frac{1}{8}$		$1\frac{1}{2}$		1

Convert.

41. $\frac{1}{5} = 0.2$ 42. $\frac{1}{4} = 0.25$ 43. $\frac{2}{3} = 0.667$ 44. $\frac{4}{5} = 0.8$ 45. $\frac{1}{6} = 0.167$

46. $\frac{2}{8} = 0.25$ 47. $\frac{2}{4} = 0.5$ 48. $\frac{3}{4} = 0.75$ 49. $\frac{3}{8} = 0.375$ 50. $\frac{1}{3} = 0.333$

Find the quotient.

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

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

Find the product.

61. $\frac{4}{6} \times \frac{4}{6} = \underline{\frac{4}{9}}$ 62. $\frac{1}{5} \times \frac{3}{5} = \underline{\frac{3}{25}}$ 63. $\frac{2}{4} \times \frac{1}{4} = \underline{\frac{1}{8}}$ 64. $\frac{4}{8} \times \frac{4}{8} = \underline{\frac{1}{4}}$ 65. $\frac{1}{4} \times \frac{3}{4} = \underline{\frac{3}{16}}$

66. $\frac{3}{4} \times \frac{1}{4} = \underline{\frac{3}{16}}$ 67. $\frac{1}{6} \times \frac{2}{6} = \underline{\frac{1}{18}}$ 68. $\frac{4}{8} \times \frac{6}{8} = \underline{\frac{3}{8}}$ 69. $\frac{2}{5} \times \frac{1}{5} = \underline{\frac{2}{25}}$ 70. $\frac{2}{4} \times \frac{2}{4} = \underline{\frac{1}{4}}$

Find the difference.

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

78.
$$\begin{array}{r} \frac{5}{6} \\ - \frac{2}{6} \\ \hline \frac{1}{2} \end{array}$$
 79.
$$\begin{array}{r} \frac{4}{6} \\ - \frac{3}{6} \\ \hline \frac{1}{6} \end{array}$$
 80.
$$\begin{array}{r} \frac{5}{6} \\ - \frac{4}{6} \\ \hline \frac{1}{6} \end{array}$$

Calculate.

81. $8\frac{3}{4} + 6\frac{2}{4} = \underline{15\frac{1}{4}}$ 82. $8\frac{2}{3} + 4\frac{2}{3} = \underline{13\frac{1}{3}}$ 83. $6\frac{2}{5} + 1\frac{4}{5} = \underline{8\frac{1}{5}}$ 84. $5\frac{3}{5} + 3\frac{2}{5} = \underline{9}$

85. $5\frac{4}{6} + 4\frac{1}{6} = \underline{9\frac{5}{6}}$ 86. $5\frac{4}{6} + 2\frac{5}{6} = \underline{8\frac{1}{2}}$ 87. $7\frac{1}{4} + 4\frac{3}{4} = \underline{12}$ 88. $8\frac{4}{8} + 9\frac{3}{8} = \underline{17\frac{7}{8}}$

89. $4\frac{1}{5} + 2\frac{4}{5} = \underline{7}$ 90. $9\frac{1}{5} + 6\frac{2}{5} = \underline{15\frac{3}{5}}$

Multiply.

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

95. $\frac{1}{8}$ of 1 = $\frac{1}{8}$ 96. $\frac{6}{8}$ of 7 = $5\frac{1}{4}$ 97. $\frac{1}{8}$ of 8 = 1 98. $\frac{2}{4}$ of 6 = 3

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

Simplify the fractions.

101. $\frac{6}{24} = \frac{1}{4}$ 102. $\frac{25}{30} = \frac{5}{6}$ 103. $\frac{10}{30} = \frac{1}{3}$ 104. $\frac{6}{8} = \frac{3}{4}$ 105. $\frac{35}{40} = \frac{7}{8}$ 106. $\frac{8}{12} = \frac{2}{3}$

107. $\frac{15}{20} = \frac{3}{4}$ 108. $\frac{4}{20} = \frac{1}{5}$ 109. $\frac{2}{6} = \frac{1}{3}$ 110. $\frac{18}{30} = \frac{3}{5}$