

Evaluate each expression.

1) $7.3 - 3.59$

2) $2.6 - 0.7$

3) $6.48 - 2.4$

4) $7.9 + 7.2$

5) $2.405 - 1.5$

6) $2.3 + 5.65$

7) $6.2 - 3.5$

8) $5.2 + 5.8$

Find each difference.

9) $16 - 3.4$

10) $15.2 - 7.6$

11) $9.7 - 3.1$

12) $5 - 4.3$

13) $6.6 - 5.7$

14) $7.8 - 4.478$

15) $4.03 - 1.2$

16) $9.8 - 5.8$

Find each product.

17) 8.5×10

18) 0.433×7.8

19) 6.4×2.691

20) 5.6×2.7

21) 5.6×3.84

22) 1.9×4.2

23) 0.4×6.3

24) 3.1×8.9

Find each quotient.

25) $2.8 \div 2$

26) $13.38 \div 0.1$

27) $0.8 \div 4$

28) $6.3 \div 12.6$

29) $1.5 \div 10$

30) $6.2 \div 2$

31) $4.5 \div 1.5$

32) $4 \div 1.6$

Round each to the place indicated.

33) 5.7993

34) 7.877909

35) 5.37907

36) 3.619974

37) 4.84191

Write each numeral in words.

38) 0.2093

39) 0.0006

40) 0.0107

Write each as a numeral.

41) one hundred fifty-seven thousandths

42) ninety-five thousandths

43) six thousandths

44) three hundred seven thousandths

Write each as a fraction.

45) $0.\overline{3}$

46) 0.9

47) $0.\overline{7251}$

48) 9.5

Write each as a percent. Round to the nearest tenth of a percent.

49) $\frac{64}{77}$

50) $\frac{1}{50}$

51) $\frac{4}{5}$

Write each as a fraction.

52) $66.\overline{6}\%$

53) 98%

54) 42.4%

Each number is divisible by which of the following: 2, 3, 5, 9, 10?

55) 900

56) 667

57) 601

58) 983

Solve each equation.

59) $\frac{a}{18} = 17$

60) $-3p = -21$

61) $2m = 0$

62) $13 + p = 22$

63) $-4r = -12$

64) $-18n = 126$

65) $\frac{x}{17} = -1$

66) $17x = -170$

67) $-2 + r = 17$

68) $x + 2 = 10$

69) $p + 3 = 18$

70) $m + 5 = 16$

Simplify. Your answer should contain only positive exponents.

71) $\frac{5^2}{5^3}$

72) $\frac{2^3}{2^3}$

73) $\frac{5^3}{5^2}$

74) $4 \cdot 4^3$

75) $7^4 \cdot 7^3$

76) $2^2 \cdot 2^4$

Find each sum.

77) $2\frac{1}{5} + 1\frac{2}{3}$

78) $1 + \frac{2}{5}$

79) $1\frac{4}{5} + \frac{3}{5}$

80) $\frac{1}{2} + \frac{2}{3}$

81) $\frac{6}{5} + 2\frac{3}{4}$

82) $\frac{3}{4} + 1\frac{1}{3}$

83) $\frac{5}{3} + \frac{3}{4}$

84) $2\frac{1}{2} + 1\frac{4}{5}$

Find each difference.

85) $3\frac{5}{6} - \frac{3}{2}$

86) $\frac{2}{3} - \frac{1}{2}$

87) $7 - \frac{3}{4}$

88) $3\frac{1}{6} - \frac{11}{7}$

89) $1\frac{2}{5} - \frac{3}{4}$

90) $\frac{5}{4} - 1\frac{1}{4}$

91) $2 - \frac{1}{7}$

92) $4\frac{3}{4} - 1\frac{1}{2}$

Find each product.

93) $4\frac{5}{7} \times 10$

94) $4\frac{1}{6} \times 5\frac{2}{3}$

95) $5\frac{1}{3} \times 1\frac{5}{6}$

96) $1\frac{7}{10} \times \frac{4}{9}$

97) $\frac{4}{5} \times \frac{10}{9}$

98) $3\frac{8}{9} \times 3\frac{7}{8}$

99) $1\frac{2}{3} \times \frac{16}{9}$

100) $3\frac{1}{5} \times 5\frac{3}{8}$

Find each quotient.

101) $2\frac{1}{2} \div \frac{3}{2}$

102) $1 \div \frac{1}{3}$

103) $2\frac{4}{5} \div 3\frac{1}{2}$

104) $\frac{11}{6} \div 2$

105) $\frac{1}{10} \div 2\frac{3}{7}$

106) $1\frac{5}{8} \div \frac{5}{4}$

107) $\frac{2}{7} \div 4\frac{3}{4}$

108) $\frac{2}{9} \div 2\frac{3}{8}$

Simplify each. Write your answer as a mixed number when possible.

109) $\frac{12}{30}$

110) $\frac{18}{27}$

111) $\frac{8}{12}$

112) $\frac{20}{28}$

113) $\frac{45}{63}$

114) $\frac{60}{80}$

115) $\frac{6}{30}$

116) $\frac{30}{36}$

117) Five workers are hired to weed a field by hand. Each is given a plot which is 9×5 meters in size. What is the total area of the field?

118) Elisa wants to buy a goldfish that costs \$2.53. How much change does she receive if she gives the cashier \$3?

119) The wind blew away 28 of your muffins. That was $\frac{4}{7}$ of all of them! How many are left?

120) If the weight of a package is multiplied by $\frac{5}{6}$ the result is 40 pounds. Find the weight of the package.

121) Kim and her best friend found some money in a trash can. They split the money evenly, each getting \$16.46. How much money did they find?