

Write the number in words.

1) 135,060

1) _____

Rewrite the following number using digits.

2) Eight thousand, one hundred sixty-seven

2) _____

Fill in the digits for the given place values in the following whole number.

3) 34,594

ten thousands

hundreds

3) _____

Add.

4)
$$\begin{array}{r} 5257 \\ + 3387 \\ \hline \end{array}$$

4) _____

Subtract by borrowing as necessary.

5)
$$\begin{array}{r} 935 \\ - 58 \\ \hline \end{array}$$

5) _____

Multiply.

6)
$$\begin{array}{r} 809 \\ \times 948 \\ \hline \end{array}$$

6) _____

Divide by using long division.

7) $94 \overline{)69,991}$

7) _____

Determine whether the number is divisible by 2, 3, 4, 5, 6, 7, 8, 9, and/or 10.

8) 2262

8) _____

Round the following to the nearest ten, nearest hundred, and nearest thousand.

9) 95,790

9) _____

Work the problem by using the order of operations.

10) $3^2 + 5^2 + (50 - 19) \cdot 6$

10) _____

Find the mean for the list of numbers. If necessary, round to the nearest whole number.

11) Cans of soup used by a family in a month: 4, 6, 9, 4, 13, 8 11) _____

Find the median for the data given.

12) Number of steaks served: 5, 7, 10, 29, 40, 44, 47 12) _____

Find the mode or modes for the list of numbers.

13) Number of samples taken each day: 5, 9, 92, 3, 2, 8, 65, 1, 4, 16 13) _____

From the given list, identify the proper fractions.

14) $\frac{9}{7}$, $\frac{5}{12}$, $\frac{7}{15}$, $\frac{3}{17}$ 14) _____

From the given list, identify the improper fractions.

15) $\frac{59}{3}$, $\frac{2}{38}$, $\frac{5}{6}$, $\frac{38}{18}$, $\frac{49}{49}$ 15) _____

Write the mixed number as an improper fraction.

16) $8\frac{3}{4}$ 16) _____

Find the prime factorization of the number. Write the answer with exponents when repeated factors appear.

17) 350 17) _____

Multiply. Write your answer in lowest terms.

18) $\frac{1}{4} \cdot \frac{4}{7} \cdot \frac{1}{10}$ 18) _____

Multiply. Write your answer in lowest terms, and change the answer to a whole number or a mixed number if possible.

19) $\frac{3}{4} \cdot 288$ 19) _____

Divide. Write the answer in lowest terms and change to a whole or a mixed number if possible.

20) $\frac{5}{12} \div \frac{35}{36}$ 20) _____

21) $15 \div \frac{3}{7}$ 21) _____

Multiply. Write your answer as a mixed number or a whole number.

22) $6 \cdot 9\frac{3}{14}$ 22) _____

Divide.

23) $4\frac{2}{7} \div 1\frac{7}{8}$ 23) _____

Add. Write your answer in lowest terms.

$$24) \frac{2}{3} + \frac{1}{18}$$

24) _____

Subtract the fractions. Write the answer in lowest terms.

$$25) \frac{8}{15} - \frac{1}{20}$$

25) _____

Add. Write the answer in lowest terms as a mixed number.

$$26) 4\frac{1}{4} + 8\frac{3}{5}$$

26) _____

Subtract. Write the answer in lowest terms as a mixed number.

$$27) 38\frac{2}{3} - 25\frac{13}{16}$$

27) _____

Use the order of operations to simplify the expression.

$$28) \frac{4}{3} + \left(\frac{3}{2}\right)^2 - \frac{3}{8}$$

28) _____

Identify the place value of the 5.

$$29) 0.32725$$

29) _____

Write the decimal as a fraction or mixed number in lowest terms.

$$30) 22.952$$

30) _____

Write the decimal in words.

$$31) 6.31$$

31) _____

Write the decimal in numbers.

$$32) \text{Eight and seventeen hundredths}$$

32) _____

Round the number to the place indicated in parentheses.

$$33) 93.7688 \text{ (nearest hundredth)}$$

33) _____

Find the sum.

$$34) 0.739 + 5.5$$

34) _____

Subtract the following numbers.

$$35) 2.980 - 2.444$$

35) _____

Multiply.

$$36) \begin{array}{r} 706 \\ \times 0.287 \\ \hline \end{array}$$

36) _____

$$37) \begin{array}{r} 0.07 \\ \times 0.04 \\ \hline \end{array}$$

37) _____

Divide.

$$38) 81 \overline{)32.4}$$

38) _____

$$39) 0.65 \div 0.01$$

39) _____

Perform the indicated operation and round as indicated.

$$40) 169.59 \div 6.5 \text{ hundredths}$$

40) _____

Simplify by using the order of operations. Round your answer to the nearest hundredth, if necessary.

$$41) 53 - 4.7 \cdot (0.96 + 7) - 1.3^2$$

41) _____

Arrange in order from smallest to largest.

$$42) 2.954, 2.549, 2.594, 2.459$$

42) _____

Write the fraction or mixed number as a decimal. Round to the nearest thousandth if necessary.

$$43) \frac{288}{295}$$

43) _____

Convert the decimal to a fraction in lowest terms. Leave improper fractions.

$$44) 0.792$$

44) _____

Write the ratio as a fraction in lowest terms. Be sure to make all necessary conversions.

$$45) 4 \text{ yards to } 27 \text{ feet}$$

45) _____

Write the following as a rate in lowest terms.

$$46) 242 \text{ miles in } 8 \text{ hours}$$

46) _____

Find the unit rate.

$$47) 115 \text{ miles on } 5 \text{ gallons of gas}$$

47) _____

Solve the problem.

$$48) \text{ David's net pay for a week at the video store was } \$80.82. \text{ If he worked } 18 \text{ hours that week, what was his net pay rate?}$$

48) _____

Find the unknown number in the proportion.

$$49) \frac{3.69}{x} = \frac{12.3}{14.2}$$

49) _____

Solve the proportion two different ways. First in decimal form, then in fraction form. Write your answer in lowest terms.

$$50) \frac{\frac{1}{10}}{0.6} = \frac{0.07}{x}$$

50) _____

Write as a decimal.

51) 916%

51) _____

Write as a percent.

52) 0.9

52) _____

Solve the problem.

53) During a poll, 11,020 people were asked whether they favored a particular ballot measure. 50% of them said they favored the measure. How many people favored the ballot measure?

53) _____

Supply the missing numbers. Round decimals to the nearest thousandth and percents to the nearest tenth of a percent.

54) fraction decimal percent

54) _____

$$\frac{17}{200}$$

Solve the problem.

55) Eight out of every ten drivers missed at least three questions on their driving test. What percent missed less than three?

55) _____

56) A chemical solution contains 3% lead. How much lead is in 4.5 mL of solution?

56) _____

Solve the problem. Round to the nearest whole number, if necessary

57) The Blakes have saved \$19,800 for a down payment on a house. If a $16\frac{1}{2}\%$ down payment is required, what price house can they buy?

57) _____

Solve the problem.

58) During one year, the Schmidt's real estate bill included \$233 for miscellaneous services. Of this amount \$70 went to the library fund. What percent did the library receive?

58) _____

59) Coleman Equipment, Inc. bought a new computer system. To pay for the system, they borrowed \$41,490 at $11\frac{2}{9}\%$ interest for 140 days. Find the interest owed.

59) _____

60) Allan borrowed \$5800 from his father to buy a car. He repaid him after 9 months with interest of 10% per year. Find the total amount he repaid.

60) _____

61) One of Sal's customers ordered items costing \$7.99, \$14.98, \$17.68, and \$20.82. If Sal's commission on each item is 30%, what is his total commission on this sale? Round to the nearest cent.

61) _____

62) Midtown Antiques collects 3% sales tax on all sales. If total sales including tax are \$1739.90, find the portion that is the tax amount.

62) _____

63) The regular price of a double roll of wallpaper is \$21. During a May sale, wallpaper was discounted 20%. What was the sale price of a double roll of wallpaper?

63) _____

Write $<$ or $>$ between the pair of numbers to make the statement true.

64) $0 \quad -4$

64) _____

Find the absolute value.

65) $|-5.1|$

65) _____

Find the opposite of the number.

66) -2.1

66) _____

Decide whether the statement is true or false.

67) $-|-29| > -|-59|$

67) _____

Add.

68) $-6 + 9$

68) _____

Perform the indicated operation.

69) $|-22 + 12| - 8 + 16$

69) _____

Following the order of operations, evaluate by working from left to right.

70) $-108 \div (-3) \cdot (-7) \div (-7) \div (-4)$

70) _____

Simplify.

71) $\frac{4^3 \cdot (-3 - 7) + 5 \cdot (-10)}{-10 + 2 \cdot (-9 \cdot 2) + (4 \cdot 9)}$

71) _____

Decide whether or not the number is a solution.

72) $p + 5 = 20$; Is 15 a solution?

72) _____

Solve the equation.

73) $t - 6 = 16$

73) _____

74) $-7x = -56$

74) _____

75) $77 = 9x + 5$

75) _____