

3. The grouping symbols () are called _____, and the symbols [] are called _____.
5. In the expression $9 + 6[8 + 6(4 - 1)]$, the parentheses are the _____ most grouping symbols and the brackets are the _____ most grouping symbols.
11. In the expression $\frac{60-5 \cdot 2}{5 \cdot 2+40}$, what symbol serves as a grouping symbol? What does it group?
12. Use brackets to write $2(12 - 5(+4))$ in a clearer form.

In 19 - 47 odd, evaluate each expression.

19. $3 \cdot 5^2 - 28$

29. $252 \div 3 - 6(2)6$

21. $6 \cdot 3^2 - 41$

31. a. $26 - 2 + 9$

b. $26 - (2 + 9)$

23. $52 - 6 \cdot 3 + 4$

33. a. $51 - 16 + 8$

b. $51 - (16 + 8)$

25. $32 - 9 \cdot 3 + 31$

35. $(4 + 6)^2$

27. $192 \div 4 - 4(2)3$

37. $(3 + 5)^3$

$$39. 8 + 4(29 - 5 \cdot 3)$$

$$45. 81 + 9[7^2 - 7(11 - 4)]$$

$$41. 77 + 9(38 - 4 \cdot 6)$$

$$47. \frac{2(50)-4}{2(4^2)}$$

$$43. 46 + 3[5^2 - 4(9 - 5)]$$

In 51 -57, find the mean(average) of each list of numbers.

$$51. 6, 9, 4, 3, 8$$

$$55. 19, 15, 17, 13$$

$$52. 7, 1, 8, 2, 2$$

$$56. 11, 14, 12, 11$$

$$53. 3, 5, 9, 1, 7, 5$$

$$57. 5, 8, 7, 0, 3, 1$$

$$54. 8, 7, 7, 2, 4, 8$$

In 59 - 85 odd, evaluate each expression.

59. $(8 - 6)^2 + (4 - 3)^2$

69. $5 \cdot 10^3 + 2 \cdot 10^2 + 3 \cdot 10^1 + 9$

61. $2 \cdot 3^4$

71. $20 - 10 + 5$

63. $7 + 4 \cdot 5$

73. $25 \div 5 \cdot 5$

65. $(7 - 4)^2 + 1$

75. $150 - 2(2 \cdot 6 - 4)^2$

67. $\frac{10+5}{52-47}$

77. $190 - 2[10^2 - (5 + 2^2)] + 45$

79. $2 + 3(0)$

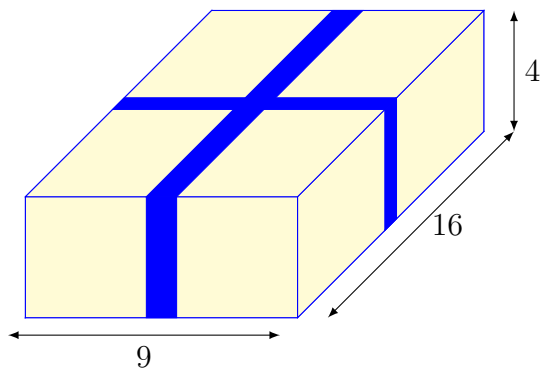
83. $4^2 + 3^2$

81. $\frac{(5-3)^2+2}{4^2-(8+2)}$

85. $3 + 2 \cdot 3^4 \cdot 5$

105. SHOPPING At the supermarket, Carlos is buying 3 cases of soda, 4 bas of tortilla chips, and 2 bottles of salsa. Each case of soda costs \$7, each bag of chips costs \$4, and each bottle of salsa costs \$3. Find the total cost of the snacks.

108. WRAPPING GIFTS How much ribbon is needed to wrap the package shown if 15 inches of ribbon are needed to make the bow?



113. CLIMATE One December week, the high temperatures in Honolulu, Hawaii, were 75° , 80° , 83° , 80° , 77° , 72° , and 86° . Find the week's mean (average) high temperature.

117. FAST FOODS The table shows the sandwiches Subway advertises on its 6 grams of fat or less menu. What is the mean (average) number of calories for the group of sandwiches?

6-inch subs	Calories
Veggie Delite	230
Turkey Breast	280
Tukey Breast and Ham	295
Ham	290
Roast Beef	290
Subway Club	330
Roasted Chicken Breast	310
Chicken Teriyaki	375