1. In the multiplication problem shown below, label each *factor* and the *product*.

$$-5 \quad \cdot \quad 10 \quad = \quad -50$$

5. _____ property of multiplication: They way in which integers are grouped does not change their product.

9. To multiply a positive integer and a negative integer, multiply their absolute values. Then make the final answer _____.

13. The product of any integer and 0 is what?

15. FInd each absolute value.

   a. $|-3|$ b. $|12|$

In 21 - 95 odd, evaluate each expression.

21. $5(-3)$ 33. $(-8)(-7)$

23. $9(-2)$ 35. $-7(-1)$

25. $18(-4)$ 37. $-3(-52)$

27. $21(-6)$ 39. $-6(-46)$

29. $-45 \cdot 37$ 41. $-59(-33)$

31. $-94 \cdot 1,000$ 43. $-60,000(-1,200)$

45. $6(-3)(-5)$

47. $-5(10)(-3)$

49. $-2(-4)(6)(-8)$

51. $-8(-3)(7)(-2)$

53. $-4(-2)(-6)$

55. $-3(-9)(-3)$

57. $-1(-3)(-2)(-6)$

59. $-9(-4)(-1)(-4)$

61. $(-3)^3$

63. $(-2)^5$

65. $(-5)^4$

67. $(-1)^8$

69. $(-7)^2$ and -7^2

71. $(-12)^2$ and -12^2

73. $6(-5)(2)$

75. $-8(0)$

77. $(-4)^3$

79. $(-2)10$

81. $-2(-3)(3)(-1)$

83. Find the product of -6 and the opposite of 10.

85. $-6(-4)(-2)$

87. $-42 \cdot 200,000$

89. -5^4

91. $-12(-12)$

93. $(-1)^6$

95. $(-1)(-2)(-3)(-4)(-5)$

101. JOB LOSSES Refer to the bar graph below. Find the number of jobs lost in...

    a. September 2008 if it was about 6 times the number lost in April.

    b. October 2008 if it was about 9 times the number lost in May.

    c. November 2008 if it was about 7 times the number lost in February.

    d. December if it was about 6 times the number lost in March.

2008 U.S. Monthly Net Job Losses

105. TAX WRITE-OFF For each of the last six years, a businesswoman has filed a $200 depreciation allowance on her income tax return for an office computer system. What signed number represents the total amount of depreciation written off over the six-year period?

107. DECK SUPPORTS After a winter storm, a homeowner has an engineering firm inspect his damaged deck. Their report concludes that the original foundation poles were not sunk deep enough, by a factor of 3. What signed number represents the depth to which the poles should have been sunk if they are currently 6 feet deep?