5. _____ property of addition: The order in which integers are added does not change their sum.

7.   a. What is the absolute value of 10? What is the absolute value of -12?

    b. Which number has the larger absolute value, 10 or -12?

    c. Using your answers to part (a.), subtract the smaller absolute value from the larger absolute value. What is the result?

9. To add two integers with unlike signs, _____ their absolute values, the smaller from the larger. Then attach to that result the sign of the number with the _____ absolute value.

13.   a. What is the sum of an integer and its additive inverse?

    b. What is the sum of an integer and its opposite?

In 19 - 79 odd, evaluate each expression.

19. $-6 + (-3)$ 27. $-248 + (-131)$

21. $-5 + (-5)$ 29. $-565 + (-309)$

23. $-51 + (-11)$ 31. $-8 + 5$

25. $-69 + (-27)$ 33. $7 + (-6)$

35. $20 + (-42)$

37. $71 + (-23)$

39. $479 + (-122)$

41. $-339 + 279$

43. $9 + (-3) + 5 + (-4)$

45. $6 + (-4) + (-13) + 7$

47. $[-3 + (-4)] + (-5 + 2)$

49. $(-1 + 34) + [16 + (-8)]$

51. $23 + (-5) + 3 + 5 + (-23)$

53. $-10 + (-1) + 10 + (-6) + 1$

55. $-2 + 6 + (-1)$

57. $-7 + 0$

59. $24 + (-15)$

61. $-435 + (-127)$

63. $-7 + 9$

65. $2 + (-2)$

67. $2 + (-10 + 8)$

69. $-9 + 1 + (-2) + (-1) + 9$

71. $[6 + (-4)] + [8 + (-11)]$

73. $(-4 + 8) + (-11 + 4)$

75. $-675 + (-456) + 99$

77. Find the sum of -6, -7, and -8.

79. $-2 + [789 + (-9,135)]$

83. RECORD TEMPERATURES The lowest recorded temperatures for Michigan and Minnesota are shown below. Use the given information to find the highest recorded temperature for each state.

State	Lowest temperature	Highest temperature
Michigan	Feb. 9, 1934: -51°F	July 13, 1936: 163°F warmer than the record low
Minnesota	Feb. 2, 1996: -60°F	July 6, 1936: 174°F warmer than the record low

85. SUNKEN SHIPS

a. The German battleship *Bismarck*, one of the most feared warships of World War II, was sunk by the British in 1941. It lies on the ocean floor 15,720 feet below sea level off the west coast of France. Represent that depth using a signed number.

b. In 1912, the famous cruise ship *Titanic* sank after striking an iceberg. It lies on the North Atlantic ocean floor, 3,220 feet higher than the *Biskmarck.* At what depth is the *Titanic* resting?

87. FLOODING After a heavy rainstorm, a river that had been 9 feet under flood stage rose 11 feet in a 48-hour period.

a. Represent that level of the river before the storm using a signed number.

b. Find the height of the river after the storm in comparison to flood stage.

89. CHEMISTRY THe three steps of a chemistry lab experiment are listed here. The experiment begins with a compound that is stored at -40°F.

Step 1 Raise the temperature of the compound 200°.
Step 2 Add sulfur and then raise the temperature 10°.
Step 3 Add 10 milliliters of water, stir, and raise the temperature 25°.

What is the resulting temperature of the mixture after step 3?

95. ACCOUNTING On a financial balance sheet, debts (considered negative numbers) are written within parentheses. Assets (considered positive numbers) are written without parentheses. What is the 2009 fund balance for the preschool whose financial records are shown below?

ABC Preschool Balance Sheet, June 2009

Fund	Balance $
Classroom supplies	$5,889
Emergency needs	$927
Holiday program	($2,928)
Insurance	$1,645
Janitorial	($894)
Licensing	$715
Maintenance	($6,321)
BALANCE	