

Name \_\_\_\_\_

**ADDING AND SUBTRACTING INTEGERS**

Find the sum or difference.

1.  $5 + -9$   $\overset{-4}{\underline{\hspace{1cm}}}$     2.  $-13 + 17$   $\underline{\hspace{1cm}}$     3.  $-14 - 10$   $\underline{\hspace{1cm}}$     4.  $15 + -16$   $\underline{\hspace{1cm}}$

Subtract -9 from 5.

5.  $7 + -4$   $\underline{\hspace{1cm}}$     6.  $0 + -6$   $\underline{\hspace{1cm}}$     7.  $-5 + -18$   $\underline{\hspace{1cm}}$     8.  $13 + -15$   $\underline{\hspace{1cm}}$

9.  $22 - -7$   $\underline{\hspace{1cm}}$     10.  $31 - 44$   $\underline{\hspace{1cm}}$     11.  $9 + -13$   $\underline{\hspace{1cm}}$     12.  $35 - -12$   $\underline{\hspace{1cm}}$

13.  $-11 - 14$   $\underline{\hspace{1cm}}$     14.  $36 - 100$   $\underline{\hspace{1cm}}$     15.  $-25 - -17$   $\underline{\hspace{1cm}}$     16.  $21 - -21$   $\underline{\hspace{1cm}}$

17.  $-19 - 16$   $\underline{\hspace{1cm}}$     18.  $-70 + 57$   $\underline{\hspace{1cm}}$     19.  $-14 + -55$   $\underline{\hspace{1cm}}$     20.  $27 + 32$   $\underline{\hspace{1cm}}$

21.  $5 - (-2 + 3)$   $\underline{\hspace{1cm}}$     22.  $-13 + (-8 - 11)$   $\underline{\hspace{1cm}}$     23.  $-7 - -4 - 8$   $\underline{\hspace{1cm}}$

Complete the equation.

24.  $9 - 2 = 9 + \underline{\hspace{1cm}}$     25.  $-5 - -2 = -5 + \underline{\hspace{1cm}}$     26.  $7 - -1 = 7 + \underline{\hspace{1cm}}$

27.  $-4 - 8 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$     28.  $3 - -6 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$     29.  $12 - 9 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

30.  $9 - 2 = 9 + \underline{\hspace{1cm}}$     31.  $-5 - -2 = -5 + \underline{\hspace{1cm}}$     32.  $7 - -1 = 7 + \underline{\hspace{1cm}}$

33.  $-4 - 8 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$     34.  $3 - -6 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$     35.  $12 - 9 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

Evaluate the expression for the given value.

36.  $n - -33$  for  $n = 28$   $\underline{\hspace{1cm}}$     37.  $20 - n$  for  $n = 25$   $\underline{\hspace{1cm}}$

38.  $n + -72$  for  $n = 100$   $\underline{\hspace{1cm}}$     39.  $45 - n$  for  $n = 70$   $\underline{\hspace{1cm}}$

40.  $n - -23$  for  $n = 28$   $\underline{\hspace{1cm}}$     41.  $40 - n$  for  $n = 25$   $\underline{\hspace{1cm}}$

42.  $n + -16$  for  $n = 100$   $\underline{\hspace{1cm}}$     43.  $24 - n$  for  $n = 22$   $\underline{\hspace{1cm}}$

Solve.

44. The temperature in Kodiak, Alaska, was  $-23^{\circ}\text{F}$ . On the same day it was  $86^{\circ}\text{F}$  in Miami, Florida. What was the difference in temperature?  $\underline{\hspace{1cm}}$ 45. At 2 P.M. the temperature in Nome, Alaska, was  $6^{\circ}\text{F}$ . By 11 P.M. the temperature had dropped  $31^{\circ}\text{F}$ . What was the temperature at 11 P.M.?  
 $\underline{\hspace{1cm}}$

Name \_\_\_\_\_

**SUBTRACTING INTEGERS**

Use your rule to subtract.

- |                                |                       |                       |                      |
|--------------------------------|-----------------------|-----------------------|----------------------|
| 1. $5 - 8$ _____ <sup>-3</sup> | 2. $2 - 7$ _____      | 3. $6 - 2$ _____      | 4. $8 - 6$ _____     |
| 5. $-6 - -3$ _____             | 6. $-3 - -2$ _____    | 7. $-5 - -5$ _____    | 8. $-9 - -5$ _____   |
| 9. $-2 - -4$ _____             | 10. $-5 - 1$ _____    | 11. $8 - -7$ _____    | 12. $2 - -2$ _____   |
| 13. $-3 - 12$ _____            | 14. $0 - -6$ _____    | 15. $11 - -4$ _____   | 16. $-15 - 0$ _____  |
| 17. $-7 - -2$ _____            | 18. $17 - 8$ _____    | 19. $-19 - 8$ _____   | 20. $4 - -12$ _____  |
| 21. $8 - 5$ _____              | 22. $0 - 9$ _____     | 23. $-7 - 3$ _____    | 24. $18 - -12$ _____ |
| 25. $-23 - 8$ _____            | 26. $-13 - -19$ _____ | 27. $8 - -15$ _____   | 28. $-11 - 2$ _____  |
| 29. $27 - -8$ _____            | 30. $-17 - -15$ _____ | 31. $-12 - 0$ _____   | 32. $-6 - -20$ _____ |
| 33. $11 - -11$ _____           | 34. $-21 - 6$ _____   | 35. $9 - -22$ _____   | 36. $-8 - -17$ _____ |
| 37. $-29 - -5$ _____           | 38. $13 - -4$ _____   | 39. $-14 - -15$ _____ | 40. $-24 - -6$ _____ |
| 41. $27 - -9$ _____            | 42. $-16 - 22$ _____  | 43. $-33 - -22$ _____ | 44. $17 - -12$ _____ |
| 45. $2 - 5$ _____              | 46. $8 - 2$ _____     | 47. $4 - 7$ _____     | 48. $6 - 6$ _____    |
| 49. $-7 - -3$ _____            | 50. $-9 - -5$ _____   | 51. $-3 - -8$ _____   | 52. $-3 - -6$ _____  |
| 53. $-1 - -4$ _____            | 54. $-5 - -3$ _____   | 55. $6 - -10$ _____   | 56. $4 - 2$ _____    |
| 57. $5 - -3$ _____             | 58. $10 - -6$ _____   | 59. $14 - -4$ _____   | 60. $15 - 10$ _____  |
| 61. $-4 - 6$ _____             | 62. $11 - 6$ _____    | 63. $-11 - 17$ _____  | 64. $4 - -13$ _____  |
| 65. $6 - 12$ _____             | 66. $13 - 9$ _____    | 67. $-7 - 3$ _____    | 68. $28 - -12$ _____ |

Solve.

69. Par for the 9-hole golf course is 35. Michael was 4 under par for the first 5 holes, 3 over par for the next 2 holes, and 1 under par for the last 2 holes. What was Michael's score? \_\_\_\_\_
70. May's Boutique started the day with \$55. By noon she had sold a blouse for \$25, a dress for \$48, and gave a refund on an exchange of a \$30 sweater for a \$20 sweater. How much money did she have at noon? \_\_\_\_\_