

Name \_\_\_\_\_ Hour \_\_\_\_\_

# What Does SANTA Do When It Rains?

TO ANSWER THIS QUESTION: Extra Credit

Simplify each expression below. Circle the letter of each answer. Then rearrange the circled letters in each grid to make a word. Write the words in order in the boxes at the bottom of the page.

① $-4x + 9x + 3$	② $5x - (-3x)$	③ $-8n - (-2n) - 7$	④ $6n + (-5n) + 3$	⑤ $-3n + n + 7 + 4n$	⑥ $9 - 6n - (-5n) - (-8)$	⑦ $-8t + (-5) + (-t) + 1$	⑧ $-2t + 7 - (-t) + 9t$	⑨ $13t + 5 + 9 - (-t)$	⑩ $u + (-10u) + (-4) - (-1)$	⑪ $-6 - 3u + 9 - (-4u)$	⑫ $-u - 7 + 8u + (-3u)$	⑬ $4k + 7 + 3k - 8 - 3k$	⑭ $9 + (-2k) + (-4) - 6k + 1$	⑮ $8k - k + 7 - (-5k) - 8$	⑯ $-4 - 2k - (-4) + (-6k)$	⑰ $-5x - 5 + 3x + (-1) - x$	⑱ $x - (-3) + 8 - 2x - 6$	⑲ $4x - 5x + (-3) + 9x - 7x$	⑳ $-x + 4x - (-8x) - 9 + 2x + 1$	② $6x$	③ $8x$	④ $n + 3$	⑤ $-n - 6$	⑥ $-n + 17$	⑦ $14t + 11$	⑧ $-9t - 4$	⑨ $5t + 7$	⑩ $8u - 7$	⑪ $4u - 7$	⑫ $u + 3$	⑬ $4k - 1$	⑭ $12k + 3$	⑮ $-8k + 6$	⑯ $13x - 8$	⑰ $x - 3$	⑱ $-3x - 6$	⑲ $5x + 3$	⑳ $5x - 1$	① $n + 5$	② $-6n - 7$	③ $2n + 7$	④ $14t + 14$	⑤ $-9t + 2$	⑥ $8t + 7$	⑦ $u + 9$	⑧ $-9u - 3$	⑨ $12k - 1$	⑩ $-8k + 2$	⑪ $10x - 8$	⑫ $x - 5$	⑬ $-x + 5$
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# Why Did Farmer John Ask the Supermarket Manager Where the Overalls Were?



Write the letter of each exercise in the box containing the answer.

**Find the sum.**

- |                  |                  |
|------------------|------------------|
| E. $-7 + (-2)$   | O. $-4 + 9$      |
| A. $-6 + (-8)$   | T. $-9 + 4$      |
| I. $-17 + (-10)$ | S. $38 + (-3)$   |
| S. $12 + 13$     | E. $11 + (-18)$  |
| T. $-75 + (-5)$  | C. $-24 + (-24)$ |

**Find the sum.**

- |                  |                   |
|------------------|-------------------|
| O. $-64 + 60$    | H. $-18 + 8$      |
| E. $12 + (-36)$  | M. $-45 + (-45)$  |
| A. $-15 + 18$    | T. $52 + (-58)$   |
| V. $101 + (-2)$  | H. $180 + 180$    |
| R. $-30 + (-40)$ | L. $999 + (-999)$ |

-5	-10	-24	-19	25	-6	5	-70	-9	92	-48	0	3	-27	-90	35	-3	-80	-4	41	360	-14	99	-7
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**Find the sum.**

- |                 |                 |
|-----------------|-----------------|
| E. $-10 + (-1)$ | L. $9 + (-39)$  |
| S. $-24 + 6$    | E. $-32 + 64$   |
| T. $60 + (-15)$ | O. $88 + (-55)$ |
| I. $-7 + (-21)$ | T. $-100 + 25$  |

**Solve.**

- H. The price of a stock went down \$4.25 on Monday and then down \$2.75 on Tuesday. What was the overall change in price for the two days?
- E. Between midnight and 6:00 A.M., the temperature dropped  $10^{\circ}\text{F}$ . Between 6:00 A.M. and noon, the temperature rose  $18^{\circ}\text{F}$ . What was the change in temperature from midnight to noon?

**Evaluate if  $a = 7$ ,  $b = -20$ ,  $x = -34$ ,  $y = -9$ .**

- |              |              |
|--------------|--------------|
| R. $a + b$   | A. $x + y$   |
| S. $b + b$   | C. $x + x$   |
| P. $-12 + a$ | B. $100 + y$ |
| E. $b + 81$  | R. $x + 50$  |

**Scores for three rounds of a computer game are given in the table. Solve.**

- L. What was the total number of points scored in the first two rounds?
- V. What was the total number of points scored in all three rounds?

Round	Points
1	300
2	-800
3	700

-75	-\$7	61	-\$9	91	32	-40	45	5°F	53	200	-11	-13	-43	-500	-30	74	-5	16	-28	-68	8°F	-18
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