

## What Does SANTA Do When It Rains?

**TO ANSWER THIS QUESTION:**

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 $-4x + 9x + 3$	Ⓑ $6x$	Ⓔ $5x + 3$
② $5x - (-3x)$	Ⓗ $8x$	Ⓐ $5x - 1$
③ $-8n - (-2n) - 7$	Ⓢ $n + 3$	Ⓘ $n + 5$
④ $6n + (-5n) + 3$	Ⓣ $-n - 6$	Ⓔ $-6n - 7$
⑤ $-3n + n + 7 + 4n$	Ⓤ $-n + 17$	Ⓢ $2n + 7$
⑥ $9 - 6n - (-5n) - (-8)$		
⑦ $-8t + (-5) + (-t) + 1$	Ⓝ $14t + 11$	Ⓕ $14t + 14$
⑧ $-2t + 7 - (-t) + 9t$	Ⓕ $-9t - 4$	Ⓢ $-9t + 2$
⑨ $13t + 5 + 9 - (-t)$	Ⓞ $5t + 7$	Ⓐ $8t + 7$
⑩ $u + (-10u) + (-4) - (-1)$	Ⓔ $8u - 7$	Ⓐ $u + 9$
⑪ $-6 - 3u + 9 - (-4u)$	Ⓢ $4u - 7$	Ⓘ $-9u - 3$
⑫ $-u - 7 + 8u + (-3u)$	Ⓗ $u + 3$	Ⓣ $-9u + 5$
⑬ $4k + 7 + 3k - 8 - 3k$	Ⓐ $4k - 1$	Ⓡ $-8k$
⑭ $9 + (-2k) + (-4) - 6k + 1$	Ⓔ $12k + 3$	Ⓘ $12k - 1$
⑮ $8k - k + 7 - (-5k) - 8$	Ⓝ $-8k + 6$	Ⓜ $-8k + 2$
⑯ $-4 - 2k - (-4) + (-6k)$		
⑰ $-5x - 5 + 3x + (-1) - x$	Ⓐ $13x - 8$	Ⓢ $10x - 8$
⑱ $x - (-3) + 8 - 2x - 6$	Ⓖ $x - 3$	Ⓞ $x - 5$
⑲ $4x - 5x + (-3) + 9x - 7x$	Ⓔ $-3x - 6$	Ⓡ $-x + 5$
⑳ $-x + 4x - (-8x) - 9 + 2x + 1$		

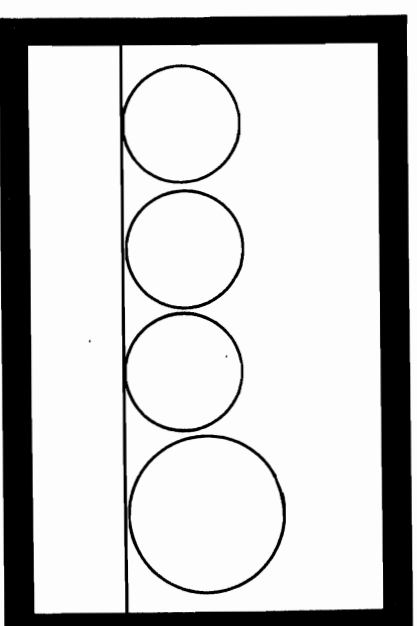
# What Is The Title Of This Picture?

CODED TITLE:

18  $\neg 6$  6 2  $\neg 5$   $\neg 7$  2  $\neg 5$   $\neg 3$  6  $\neg 5$   
7  $\neg 1$  4  $\neg 4$   $\neg 7$  8  $\neg 5$   $\neg 3$   $\neg 7$   
 $\neg 13$  6 2 1  $\neg 3$   $\neg 1$  3 8 4  $\neg 13$   $\neg 7$   $\neg 2$

TO DECODE THE TITLE OF THIS PICTURE:

Solve any equation below and find the solution in the code above. Each time the solution appears, write the letter of that exercise above it. Keep working and you will discover the title.



- |                                    |  |
|------------------------------------|--|
| Ⓘ $5(x + 4) = 40$                  | Ⓗ $15 - (4m - 5) = 32$                           |
| Ⓔ $\neg 2(3y - 7) = 56$            | ⓐ $\neg 2(\neg 7k + 4) + 9 = \neg 13$            |
| Ⓒ $6(1 - 4w) = \neg 18$            | Ⓤ $\neg 5y - 5(\neg 6 - 2y) = 0$                 |
| Ⓕ $4(2x + 5) - 8 = 36$             | Ⓓ $3(1 + 4n) - 2(5n - 3) = 25$                   |
| Ⓐ $2(5 - 3v) + 9v = 28$            | Ⓡ $\neg 6(x - 2) + 4(3 - 6x) = \neg 36$          |
| Ⓢ $7 - 3(5t - 10) = 67$            | Ⓠ $5(4 + 2x) - (8x - 12) = 68$                   |
| Ⓝ $\neg 9(6 + u) - 2u = \neg 10$   | Ⓣ $\neg 3(\neg 4 - 6y) + 7(\neg y + 5) = \neg 8$ |
| Ⓙ $13x + 7(\neg 3x - 1) = \neg 63$ | Ⓜ $8(2w - 6) + 4(\neg 1 - 5w) = 0$               |