

# Why Did Everybody Ha... The Diaper Thief?

Simplify any expression below and find your answer in the corresponding answer column. Write the letter of the exercise in the box that contains the number of the answer. Keep working and you will discover the answer to the title question.

- |                       |                |                             |                      |
|-----------------------|----------------|-----------------------------|----------------------|
| (S) $5x + 2 + 3x$     | (15) $4x + 11$ | (1) $4y + 3x + 2y + 9x + 4$ | (1) $7x + 11y + 8$   |
| (F) $3 + 7x + 8$      | (5) $7x + 11$  | (E) $3 + 7x + 7y + 8x + 9$  | (24) $12y + 11$      |
| (E) $9 + 6x + 2x$     | (13) $5x + 7$  | (H) $5x + 8 + 3y + 2x + 8y$ | (8) $12x + 6y + 4$   |
| (I) $4x + 7 + 4$      | (28) $8x + 9$  | (T) $6y + 9 + y + 7x + 6$   | (9) $9x + 12y + 1$   |
| (O) $9x + 3 + 7x + 4$ | (11) $3x + 10$ | (X) $1 + 8x + 3y + x + 9y$  | (12) $9x + 13y$      |
| (T) $x + 3x + 6$      | (17) $8x + 2$  | (L) $x + 7y + 9 + 3y + 6y$  | (16) $15x + 7y + 12$ |
| (A) $4x + 7 + x$      | (23) $16x + 7$ | (P) $2y + 7 + y + 9y + 4$   | (3) $x + 16y + 9$    |
| (Y) $9 + x + 1 + 2x$  | (29) $4x + 6$  | (B) $5x + 6y + 3x + 7y + x$ | (20) $7x + 7y + 15$  |

- |                         |                    |                              |                     |
|-------------------------|--------------------|------------------------------|---------------------|
| (1) $3t + 4v + 5t$      | (2) $8t + 5v + 6$  | (N) $3z + 6u + 8z + 9 + u$   | (27) $8u + 5z + 15$ |
| (A) $7t + 6 + 3v + 6v$  | (21) $7t + 18v$    | (T) $4 + 3z + 7z + 8 + 4z$   | (6) $14z + 12$      |
| (S) $6v + 5t + 8v + 2t$ | (10) $4t + 8v$     | (E) $5u + 3z + 9 + 9z + 9u$  | (31) $7u + 16z$     |
| (H) $3t + 9v + 4t + 9v$ | (26) $7t + 9v + 6$ | (C) $z + 6 + 4z + 9 + 8u$    | (4) $14u + 12z + 9$ |
| (E) $t + 5v + 6 + 7t$   | (18) $t + 2v + 15$ | (B) $9 + 6u + 3z + 8u + z$   | (25) $12u + 11z$    |
| (O) $8 + 4v + 9t + v$   | (32) $9t + 5v + 8$ | (O) $2u + 4 + 3z + 6 + 9$    | (22) $7u + 11z + 9$ |
| (T) $3t + v + t + 7v$   | (19) $8t + 4v$     | (L) $5u + 7z + 6u + u + 4z$  | (14) $14u + 4z + 9$ |
| (W) $2v + 8 + t + 7$    | (7) $7t + 14v$     | (G) $2z + 8z + 3u + 6z + 4u$ | (30) $2u + 3z + 19$ |

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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# What Do Race Car Drivers Like To Do?

Simplify each expression and find your answers at the bottom of the page. Shade out the letter or number above each correct answer. When you finish, the answer to the title question will remain!

- ①  $-4x + 9x$       ⑩  $3y - 6 + 7y - 4y$       ⑰  $-8x + 7y - x - 6y + 4x$   
 ②  $6y - 8y$       ⑪  $-9x - 5 - 8 + x$       ⑱  $x + 5 - 2x + 3y - y$   
 ③  $-7x + x$       ⑫  $6 - y + 5y - 6y$       ⑲  $9x - 3y + 7 - 4x + y - 3$   
 ④  $9y - y$       ⑬  $3x - 8y + 2x - 5 - 5y$       ⑳  $-x - 3 + 5x + 6y + 8x - 9$   
 ⑤  $-5x - 5x$       ⑭  $-9x + 3 + 2x - 9y - 8$       ㉑  $4x - 4 - 8y + 8 - 5x + 1$   
 ⑥  $3y - 7y$       ⑮  $5 + 6x - 3y + x + 8y$       ㉒  $3x - x + 6y - 4x - y$   
 ⑦  $-x - 8x + 7$       ⑯  $-4x - 4 + x - 2y + 7x$       ㉓  $2x + 2y - x - y - 7 + 5y$   
 ⑧  $y - 2y - 3$       ⑳  $-4x - 4 + x - 2y + 7x$       ㉔  $6x - 8x - 4y - x + 5y - 2y$   
 ⑨  $5 + 5x - 4x$

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$-x - 8y + 5$	S	$-9x + 7$	Z	$-3x - y$	C	$-x + 2y + 5$	R	$5x - 13y - 5$	N	$8x - y$	X	$-6x$	E	$-y - 3$	L	$-5x + y$	I	$5x$	C	$-2y + 6$	4	$x + 6y - 7$	A	$x + 5$	8	$6x - y + 3$	L	$-8x - 13$	O	$8y$	M	$7x + 5y + 5$	A	$-2y$	S	$12x + 6y - 12$	E	$x + 3y - 2$	R	$-10x$	I	$4x - 2y - 4$	Z	$6y - 6$	O	$-3x + 2y + 1$	8	$-2x + 5y$	W	$-4y$	E	$5x - 2y + 4$	D	$-7x - 9y - 5$	Y
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# 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.

<p>① <math>-4x + 9x + 3</math></p> <p>② <math>5x - (-3x)</math></p>	<p>ⓑ <math>6x</math></p> <p>ⓓ <math>8x</math></p>	<p>ⓔ <math>5x + 3</math></p> <p>Ⓐ <math>5x - 1</math></p>
<p>③ <math>-8n - (-2n) - 7</math></p> <p>④ <math>6n + (-5n) + 3</math></p> <p>⑤ <math>-3n + n + 7 + 4n</math></p> <p>⑥ <math>9 - 6n - (-5n) - (-8)</math></p>	<p>Ⓢ <math>n + 3</math></p> <p>Ⓣ <math>-n - 6</math></p> <p>Ⓤ <math>-n + 17</math></p>	<p>Ⓛ <math>n + 5</math></p> <p>ⓔ <math>-6n - 7</math></p> <p>Ⓢ <math>2n + 7</math></p>
<p>⑦ <math>-8t + (-5) + (-t) + 1</math></p> <p>⑧ <math>-2t + 7 - (-t) + 9t</math></p> <p>⑨ <math>13t + 5 + 9 - (-t)</math></p>	<p>Ⓝ <math>14t + 11</math></p> <p>Ⓛ <math>-9t - 4</math></p> <p>Ⓞ <math>5t + 7</math></p>	<p>Ⓛ <math>14t + 14</math></p> <p>Ⓢ <math>-9t + 2</math></p> <p>Ⓐ <math>8t + 7</math></p>
<p>⑩ <math>u + (-10u) + (-4) - (-1)</math></p> <p>⑪ <math>-6 - 3u + 9 - (-4u)</math></p> <p>⑫ <math>-u - 7 + 8u + (-3u)</math></p>	<p>ⓔ <math>8u - 7</math></p> <p>Ⓢ <math>4u - 7</math></p> <p>ⓓ <math>u + 3</math></p>	<p>Ⓐ <math>u + 9</math></p> <p>Ⓛ <math>-9u - 3</math></p> <p>Ⓣ <math>-9u + 5</math></p>
<p>⑬ <math>4k + 7 + 3k - 8 - 3k</math></p> <p>⑭ <math>9 + (-2k) + (-4) - 6k + 1</math></p> <p>⑮ <math>8k - k + 7 - (-5k) - 8</math></p> <p>⑯ <math>-4 - 2k - (-4) + (-6k)</math></p>	<p>Ⓐ <math>4k - 1</math></p> <p>ⓔ <math>12k + 3</math></p> <p>Ⓝ <math>-8k + 6</math></p>	<p>Ⓡ <math>-8k</math></p> <p>Ⓛ <math>12k - 1</math></p> <p>Ⓜ <math>-8k + 2</math></p>
<p>⑰ <math>-5x - 5 + 3x + (-1) - x</math></p> <p>⑱ <math>x - (-3) + 8 - 2x - 6</math></p> <p>⑲ <math>4x - 5x + (-3) + 9x - 7x</math></p> <p>⑳ <math>-x + 4x - (-8x) - 9 + 2x + 1</math></p>	<p>Ⓐ <math>13x - 8</math></p> <p>ⓖ <math>x - 3</math></p> <p>ⓔ <math>-3x - 6</math></p>	<p>Ⓢ <math>10x - 8</math></p> <p>Ⓞ <math>x - 5</math></p> <p>Ⓡ <math>-x + 5</math></p>

