

# What Did the Spanish Farmer Say to His Chicken?



Simplify each expression below. Find your answer at the bottom of the page. Cross out the letter above it. When you finish, the answer to the title question will remain.

OBJECTIVE 1-3: To simplify expressions containing parentheses (all positive terms).

ALGEBRA WITH PIZZAZZ!  
© Creative Publications

- |                    |                           |
|--------------------|---------------------------|
| ① $3(4x + 6) + 7x$ | ⑩ $6m + 3(2m + 5) + 7$    |
| ② $7(2 + 3x) + 8$  | ⑪ $5(m + 9) + 4 + 8m$     |
| ③ $9 + 5(4x + 4)$  | ⑫ $3m + 2(5 + m) + 5m$    |
| ④ $12 + 3(8 + x)$  | ⑬ $6m + 14 + 3(3m + 7)$   |
| ⑤ $(7x + 2)3 + 8x$ | ⑭ $4(2m + 6) + 3(3 + 5m)$ |
| ⑥ $6(4x + 7) + x$  | ⑮ $5(8 + m) + 2(7 + 7m)$  |
| ⑦ $3x + (2x + 6)5$ | ⑯ $(2m + 1)9 + 5(5m + 3)$ |
| ⑧ $4 + 6(7x + 7)$  | ⑰ $7(7 + 5m) + (m + 6)4$  |
| ⑨ $8 + 5(9 + 4x)$  | ⑱ $2(9m + 5) + 8(6m + 1)$ |

L	S	T	O	E	N	H	L	B	R	T	D	A	E	G	G	M	I	V	K	Y	T	E
$13m + 49$	$66m + 18$	$43m + 24$	$38m + 70$	$15m + 35$	$19x + 18$	$19x + 20$	$64m + 29$	$42x + 46$	$19m + 54$	$12m + 22$	$20x + 29$	$24x + 20$	$23m + 33$	$29x + 6$	$13x + 30$	$20x + 53$	$39m + 73$	$10m + 10$	$3x + 36$	$45m + 25$	$21x + 22$	$25x + 42$

7

# 6 What Happened to the Snowman During the Heat Wave?

Simplify each expression below and find your answer in the corresponding answer column. Write the letter of that exercise in the box that contains the number of the answer.

ALGEBRA WITH PIZZAZZ!  
© Creative Publications

- |                     |             |                                      |                    |
|---------------------|-------------|--------------------------------------|--------------------|
| ① $6x + 9 + 2x$     | ⑨ $9x + 8$  | ① $4x + 2y + 7 + 4x + 3y$            | ① $12x + 17y$      |
| ② $7 + 3x + 4$      | ④ $6x$      | ② $8y + 6 + 8x + y + 3$              | ②⑥ $10x + 7y + 13$ |
| ③ $8 + 2x + 7x$     | ⑥ $7x + 7$  | ③ $7x + 4x + 6y + x + 9y$            | ⑬ $8x + 9y + 9$    |
| ④ $8x + 7 + 3x + 2$ | ⑮ $8x + 9$  | ④ $2x + 5 + 7y + 8x + 8$             | ⑭ $x + 6y$         |
| ⑤ $5x + x$          | ⑰ $11x + 9$ | ⑤ $3y + 7 + 5y + y + 1$              | ⑤ $12x + 15y$      |
| ⑥ $9x + 8 + x$      | ⑲ $3x + 11$ | ⑥ $6x + 6y + 6x + 7y + 4y$           | ⑩ $9y + 8$         |
| ⑦ $6 + 4x + 1 + 3x$ | ⑳ $10x + 8$ | ⑦ $\frac{1}{2}x + \frac{1}{2}x + 6y$ | ⑳ $8x + 5y + 7$    |
- 
- |                      |                  |  |                   |
|----------------------|------------------|--|-------------------|
| ① $3t + 4u + 6t$     | ⑪ $7t + 13u$     | ① $\frac{1}{2}n + 3w + \frac{1}{2}n + w$ | ⑱ $3n + 10w + 12$ |
| ② $9u + 4 + 8t + 3u$ | ⑰ $9t + 4u$      | ② $n + 8w + 5w + 3 + 5w$                 | ⑲ $n + 4w$        |
| ③ $7 + u + 9t + 5u$  | ⑳ $16t + 4u$     | ③ $4w + 5 + 3n + 6w + 7$                 | ⑳ $n + 10w + 6$   |
| ④ $6t + 4u + t + 9u$ | ① $8t + 12u + 4$ | ④ $2n + 4w + 5n + w + 9n$                | ⑱ $7n + 2w$       |
| ⑤ $2t + 4 + 8u + 2t$ | ⑳ $9t + 6u + 7$  | ⑤ $w + w + n + 8w + 6$                   | ③ $n + 18w + 3$   |
| ⑥ $3u + 7t + 9t + u$ | ㉑ $8t + u + 13$  | ⑥ $6n + 2n + 7w + 2 + 3n$                | ⑱ $11n + 7w + 2$  |
| ⑦ $8t + 1 + u + 12$  | ② $4t + 8u + 4$  | ⑦ $\frac{3}{2}w + 7n + \frac{1}{2}w$     | ⑧ $16n + 5w$      |

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

OBJECTIVE 1-4: To simplify expressions by combining like terms (all positive terms).