

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.

- ① $3(4x + 6) + 7x$
- ② $7(2 + 3x) + 8$
- ③ $9 + 5(4x + 4)$
- ④ $12 + 3(8 + x)$
- ⑤ $(7x + 2)3 + 8x$
- ⑥ $6(4x + 7) + x$
- ⑦ $3x + (2x + 6)5$
- ⑧ $4 + 6(7x + 7)$
- ⑨ $8 + 5(9 + 4x)$

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

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

Why Are Handcuffs Like Souvenirs?

Use the distributive property to complete each statement below. Find your answer in the corresponding answer column. Write the letter of that exercise in the box that contains the number of the answer.

- (A) $7(a + b) = 7a + \underline{\hspace{2cm}}$
 (R) $4(5 + x) = 20 + \underline{\hspace{2cm}}$
 (Y) $3(2x + 9) = 6x + \underline{\hspace{2cm}}$
 (S) $8(3x + 1) = \underline{\hspace{2cm}} + 8$
 (O) $a(4 + b) = \underline{\hspace{2cm}} + ab$
 (E) $x(y + 10) = \underline{\hspace{2cm}} + 10x$
 (I) $2(7x + 4y) = 14x + \underline{\hspace{2cm}}$
 (D) $6(9 + 5x) = 54 + \underline{\hspace{2cm}}$
 (W) $x(a + 3b) = \underline{\hspace{2cm}} + 3bx$
 (E) $a(8x + 2y) = 8ax + \underline{\hspace{2cm}}$
 (T) $\frac{1}{2}(4a + 10) = 2a + \underline{\hspace{2cm}}$
 (R) $\frac{2}{3}(12 + 9y) = 8 + \underline{\hspace{2cm}}$

Answers:

- (18) **ax**
 (17) **4a**
 (9) **7b**
 (1) **5**
 (14) **4x**
 (23) **24x**
 (10) **30x**
 (6) **6y**
 (3) **xy**
 (4) **27**
 (7) **2ay**
 (20) **8y**

Answers:

- (O) $5x + 5y = 5(x + \underline{\hspace{2cm}})$
 (T) $9a + 9b = 9(\underline{\hspace{2cm}} + b)$
 (W) $4m + 4n = \underline{\hspace{2cm}}(m + n)$
 (H) $ab + 3a = a(b + \underline{\hspace{2cm}})$
 (E) $xy + 15x = \underline{\hspace{2cm}}(y + 15)$
 (A) $bu + uv = \underline{\hspace{2cm}}(b + v)$
 (F) $\frac{2}{5}m + \frac{2}{5}n = \frac{2}{5}(\underline{\hspace{2cm}} + n)$
 (M) $\frac{3}{4}a + \frac{3}{4}b + \frac{3}{4}c = \underline{\hspace{2cm}}(a + b + c)$
 (S) $7ax + 2ay = a(7x + \underline{\hspace{2cm}})$
 (T) $4kx + 11ky = \underline{\hspace{2cm}}(4x + 11y)$
 (R) $3ay + 8by = y(\underline{\hspace{2cm}} + 8b)$

- (16) **4**
 (5) **u**
 (22) **a**
 (11) **x**
 (21) **2y**
 (13) **y**
 (19) **3a**
 (2) **3**
 (12) **m**
 (15) **k**
 (8) **$\frac{3}{4}$**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
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