

1-4**Skills Practice****The Distributive Property**

Use the Distributive Property to rewrite each expression. Then evaluate.

1. $4(3 + 5)$

2. $2(6 + 10)$

3. $5(7 - 4)$

4. $(6 - 2)8$

5. $5 \cdot 89$

6. $9 \cdot 99$

7. $15 \cdot 104$

8. $15\left(2\frac{1}{3}\right)$

Use the Distributive Property to rewrite each expression. Then evaluate.

9. $(a + 7)2$

10. $7(h - 10)$

11. $3(m + n)$

12. $2(x - y + 1)$

Simplify each expression. If not possible, write *simplified*.

13. $2x + 8x$

14. $17g + g$

15. $2x^2 + 6x^2$

16. $7a^2 - 2a^2$

17. $3y^2 - 2y$

18. $2(n + 2n)$

19. $4(2b - b)$

20. $3q^2 + q - q^2$

Write an algebraic expression for each verbal expression. Then simplify, indicating the properties used.

21. The product of 9 and t squared, increased by the sum of the square of t and 2

22. 3 times the sum of r and d squared minus 2 times the sum of r and d squared

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