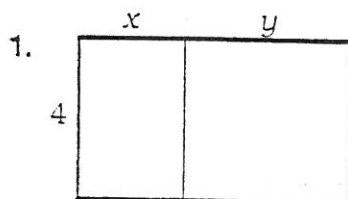


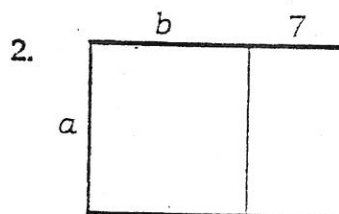
What Is the World's Longest Punctuation Mark?

For each exercise, write the letter of the answer in the box containing the exercise number.

In Exercises 1-2, circle the expression that does not represent the area of the outside (largest) rectangle. Write its letter in the corresponding numbered box.



- S. $4(x + y)$
K. $4x + 4y$
T. $4 + xy$



- H. $ab + 7$
R. $a(b + 7)$
A. $ab + 7a$

In Exercises 3-22, use the distributive property to complete each statement.

- | | |
|---|---|
| 3. $9(a + b) = 9a + \underline{\hspace{2cm}}$ | 13. $7x + 7y = 7(x + \underline{\hspace{2cm}})$ |
| 4. $3(n + 7) = \underline{\hspace{2cm}} + 21$ | 14. $3m + 3n = 3(\underline{\hspace{2cm}} + n)$ |
| 5. $2(15 + q) = \underline{\hspace{2cm}} + 2q$ | 15. $8a + 8b = \underline{\hspace{2cm}}(a + b)$ |
| 6. $a(b + 8) = ab + \underline{\hspace{2cm}}$ | 16. $ax + ay = \underline{\hspace{2cm}}(x + y)$ |
| 7. $x(x + 5) = \underline{\hspace{2cm}} + 5x$ | 17. $nt + 4n = n(t + \underline{\hspace{2cm}})$ |
| 8. $16(y + 3) = 16y + \underline{\hspace{2cm}}$ | 18. $2d + 12 = 2(\underline{\hspace{2cm}} + 6)$ |
| 9. $e(s + t) = es + \underline{\hspace{2cm}}$ | 19. $5e + 35 = 5(e + \underline{\hspace{2cm}})$ |
| 10. $7(p + q + 4) = 7p + 7q + \underline{\hspace{2cm}}$ | 20. $x^2 + 9x = x(\underline{\hspace{2cm}} + 9)$ |
| 11. $a(b + c + 11) = \underline{\hspace{2cm}} + ac + 11a$ | 21. $4p + 4q + 80 = 4(p + q + \underline{\hspace{2cm}})$ |
| 12. $k(8 + 3 + k) = 8k + 3k + \underline{\hspace{2cm}}$ | 22. $kw + wy + w^2 = w(k + y + \underline{\hspace{2cm}})$ |

Answers for 3-12:

- | | | |
|---------|----------|----------|
| U. 48 | O. $3n$ | N. 30 |
| E. $9b$ | D. 28 | E. k^2 |
| T. $5c$ | H. x^2 | N. et |
| E. $8a$ | R. ab | S. $3k$ |

Answers for 13-22:

- | | | |
|--------|--------|--------|
| H. w | D. y | B. k |
| M. m | R. d | T. a |
| L. 15 | E. 8 | D. 7 |
| E. 4 | S. 20 | A. x |

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
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Did You Hear About...

A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
							?

DIRECTIONS: Simplify any expression below. Find your answer in one of the answer columns and notice the word next to it. Write the word in the box above that has the same letter as that exercise.

(A) $5x - 7(2 - 4x)$

(M) $4x - 7(3 - 3x) - 9$

(B) $8 - 3(6 - 6x)$

(N) $-8 + 6(-x - 3) + 4x$

(C) $9a - 4(2a + 5)$

(O) $-2a + 7 - 3(-9 - 4a)$

(D) $-3 - 8(-5a - 1)$

(P) $-1 + 5a - 9(-2 + 5a)$

(E) $-7n + 4(-6 + 3n)$

(Q) $9(3n - 9) - 7 - 2n$

(F) $-8(2n - 4) + 5$

(R) $-4(5 + n) + n + 6$

(G) $2(x + 6) - 9x$

(S) $-6x - 2(-5x + 9) - 3x$

(H) $-5(-7 - 3x) - 7$

(T) $5 - 8(1 - x) - 9x$

(I) $4(-2a + 6) + a$

(U) $-a + 7 + 5(-4 + 7a)$

(J) $4a - 9(3 - a)$

(V) $-6(-6a - 3) - 2 + 8a$

(K) $-8 - 8(6n + 1)$

(W) $4n - 5n + 3(n + 4)$

(L) $-5(-7 + n) - 7n$

(X) $7 + 9(-2n + 9) + 1$

$-7x + 12$	ASKING
$25x - 30$	FOOTBALL
$x - 18$	COULD
$33x - 14$	THE
$44a + 16$	AS
$15x + 28$	HIS
$13a - 27$	TO
$25n - 88$	SO
$44a - 13$	FUMBLE
$40a + 37$	BALL
$5n - 24$	WHO
$-48n - 16$	FLOOD
$40a + 5$	PLAYER
$-48n - 88$	UNDER

$a - 24$	HIKE
$a - 20$	FOOTBALL
$-7a + 24$	COACH
$2n + 12$	A
$-40a + 17$	WATER
$-12n + 35$	THE
$-3n - 14$	HE
$18x - 10$	ROOKIE
$10a + 34$	WITH
$-x - 3$	GO
$-16n + 37$	KEPT
$34a - 13$	IN
$-18n + 89$	SUB
$-2x - 26$	FIELD