

How Does a Hawaiian Baritone Laugh?

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

① $-3x + 9x$

② $2y - 10y$

③ $-6x + x$

④ $12y - y$

⑤ $-4x - 5x$

⑥ $8y - (-8y)$

⑦ $-x - (-10x)$

⑧ $-2y + 7y + 4$

⑨ $5x + 7 + x - 9x$

⑩ $-8y - 2y - 4 + 4y$

⑪ $6x - (-3x) + x - 6$

⑫ $4x + 2y + 4x - 5y$

⑬ $6x + 8y - 3 - 7y$

⑭ $-6x - 2y + 8 + 5x - 1$

⑮ $9 - 3x - (-8y) + 9x - y$

⑯ $x - 4y - 12 - 5y + 8y$

⑰ $3x + 7 - 7y + 2x - 3y - 1$

⑱ $-9x - y + 1 + 5y + 5x - 10$

⑲ $-x + 8 + 6x - 4y - 8x + 3$

⑳ $4x - 7 + y - 7x - (-3y)$

㉑ $8x - 5y - x + 9 - y$



H	A	B	S	U	L	E	A	T	N	R	E	O	L	C	M	F	E	W	H	D	I	S	T	A	N	G
$7x - 6y + 9$	$7x - 8y + 7$	$8x - 3y$	$-3x + 4y - 7$	$5y + 4$	$-4x + 7y - 6$	$6x$	$10x - 6$	$6x + 7y + 9$	$-9x$	$-3x + 7$	$-3x - 4y + 11$	$-3x + 5y - 1$	$-8y$	$-x - 2y + 7$	$16y$	$11y$	$-6y - 4$	$x - 3y - 10$	$6x - 6$	$-5x$	$9x$	$6x + y - 3$	$5x - 10y + 6$	$5x - 5y + 4$	$x - y - 12$	$-4x + 4y - 9$



What Do You Call Two Railroad Trains After a Head-on Collision?

First, SIMPLIFY each expression below. Then EVALUATE the expression if

$$a = 3, b = -2, \text{ and } c = -6$$

Find the simplified expression in the answer column and notice the letter next to it. Find the value of the expression at the bottom of the page and write this letter above it.

- ① $9a + 3 - 2a$
- ② $8 - 5b - 1$
- ③ $-4b - 6 + 20b - 3$
- ④ $2 - (-8c) + 24 - 7c$
- ⑤ $5a - 9b + a - 6b$
- ⑥ $3b + 11c - 4b - c$
- ⑦ $9a - 1 + 8c - 8a + c$
- ⑧ $12c + 5a + 7 + (-13c) + 4a$
- ⑨ $-15 - 6c + 3b - 6c + 9 - 2b$
- ⑩ $3a + 7b + 2c - a - 4b$
- ⑪ $-8a - b - (-6c) - 2a - b - 5c$
- ⑫ $b - 4c + 3a - c - 9b - 4a$
- ⑬ $-3c + 7a + 5 + 17b + 2c + b + (-7a)$
- ⑭ $2 - a - (-b) + c + (-a) - b - (-c)$

- ⓑ $16b - 3c + 5$
- Ⓛ $c + 26$
- ⓔ $7a + 3$
- Ⓝ $18b - c + 5$
- Ⓣ $b - 12c - 6$
- ⓐ $-5b + 7$
- ⓐ $-b + 10c$
- Ⓦ $16b - 9$
- ⓔ $9a - c + 7$
- Ⓚ $-a - 8b - 5c$
- Ⓡ $-2a + 2c + 2$
- ⓔ $6a - 15b$
- Ⓢ $b - 10c + 6$
- ⓒ $2a + 3b + 2c$
- ⓓ $a + 9c - 1$
- ⓗ $-a - 10b - 8c$
- ⓖ $-10a - 2b + c$

-58	-41	-16	24	-12	43	48	-52	64	17	-25	-32	20	40

What Happened to Ray Floob After He Fell Off the Empire State Building?

Simplify each expression below. Circle the letter of each answer. Then rearrange the circled letters in each section to make a word. Write the words in order in the boxes at the bottom of the page. You will find the answer to the title question.

① $3x + 2(5x - 7)$	☐ S $20x - 3$	☐ Y $20x - 18$
② $9 - 3(2x - 4)$	☐ E $13x - 14$	☐ N $5x + 11$
③ $8x - 6(3 - 2x)$	☐ T $5x + 15$	☐ H $-6x + 21$
④ $-5 + 5(x + 4)$		
⑤ $4(6n + 9) - 10n$	☐ O $14n + 36$	☐ S $19n + 36$
⑥ $14 - 3(4n - 1)$	☐ E $-12n + 13$	☐ N $-12n + 17$
⑦ $-8n - 8(-4 - 2n)$	☐ W $8n + 32$	☐ T $8n - 1$
⑧ $7k - 2(3k + 1) - 9$	☐ L $2k + 7$	☐ C $-13k + 34$
⑨ $-6 + 5(8 - k) - 8k$	☐ A $-7k + 37$	☐ I $-7k + 30$
⑩ $k + 1 - 4(2k - 9)$	☐ K $2k - 4$	☐ L $k - 11$
⑪ $-10k - 3 + 2(5 + 6k)$		
⑫ $8 + 9x + 4(11 - 2x)$	☐ A $14x + 30$	☐ R $6x + 52$
⑬ $-4(-2x - 7) + 6x - 7$	☐ H $3x + 21$	☐ M $x + 52$
⑭ $9 - 3(-4 + 3x) + 12x$	☐ T $3x + 6$	☐ I $14x + 21$
⑮ $5(2y - 4) + 2(y + 9)$	☐ A $12y - 4$	☐ X $12y - 2$
⑯ $-4(3u - 1) + 7(3 - 2u)$	☐ W $-42u + 9$	☐ Y $-42u + 42$
⑰ $6(-5u + 1) - 3(4u - 12)$	☐ S $13u - 12$	☐ D $-5u + 25$
⑱ $3(-u - 5) + 8(2u + 1)$	☐ R $13u - 7$	☐ A $-26u + 25$

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What Should You **NOT** Do If You Want to Help Get Rid of Graffiti?

Simplify each expression below. Find your answer in the answer column and notice the letter next to it. Write this letter in the box at the bottom of the page that contains the number of that exercise.



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

Answers:

- (A) $-40x + 23$
- (S) $3x - 21$
- (L) $-12x - 9$
- (I) $-16x - 30$
- (N) $7x - 29$
- (T) $-12x + 4$
- (P) $-23x - 32$
- (R) $4x + 27$
- (A) $11x - 8$
- (S) $4x + 13$
- (O) $3x - 9$
- (T) $-4x + 68$
- (I) $-7x + 4$
- (A) $13x + 3$
- (N) $17x + 12$
- (I) $13x + 15$
- (G) $17x - 38$



3	12	5	10	8	11	1	13	7	9	14	2	4	6
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How Does a Rodeo Star Get Around?

First, SIMPLIFY each expression below. Then EVALUATE the expression for the given value of the variable. Find the simplified expression in the answer column and notice the letter next to it. Find the value of the expression at the bottom of the page and write this letter below it.

- ① $8(2x - 3) - 6x$ if $x = 3$
- ② $9 - 2(4x + 5)$ if $x = -4$
- ③ $-7x - 3(9 - 7x)$ if $x = -1$
- ④ $6(3x - 1) - 10x$ if $x = 7$
- ⑤ $7 - 4x + 2(5x + 8)$ if $x = -2$
- ⑥ $7x - 4(6 - x) + 12$ if $x = 6$
- ⑦ $-3(4x - 1) + 9x + 8x$ if $x = -9$
- ⑧ $10 - (2y - 6) - y$ if $y = 8$
- ⑨ $4(3 + 7y) + 6(2 - y)$ if $y = 2$
- ⑩ $9(2y - 4) - 2(7y - 12)$ if $y = -9$
- ⑪ $5(-3y - 1) - (6 - 5y)$ if $y = -6$
- ⑫ $2(7 + 6y) + 15(-1 + y)$ if $y = 1$
- ⑬ $(-9y + 5) - 8(-y - 2)$ if $y = -3$
- ⑭ $-(5y - 6) + 4(3 + 5y)$ if $y = 2$

- (A) $5x + 3$
- (T) $-10y - 11$
- (L) $-y + 21$
- (T) $14x - 27$
- (S) $13y + 15$
- (C) $27y - 1$
- (E) $10x - 24$
- (W) $22y + 24$
- (I) $6x + 23$
- (C) $15y + 18$
- (T) $-3y + 16$
- (A) $-8x - 1$
- (T) $11x - 12$
- (H) $4y - 12$
- (A) $8x - 6$

68	11	54	-48	50	26	31	49	-8	24	6	-42	48	-41
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