cw/hw 22

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