

11-13-18

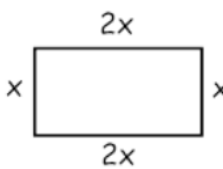
Aim: SWBAT simplify expressions.

HW: Packet Page 13

Do Now: Correct hw, then Quiz

HOMWORK

Simplify each expression by combining like terms.

	A	B	C
7	$4a + 3a$ $7a$	$-9x + 2x$ $-7x$	$-6x^2 - 3x^2 - 4x - 9x$ $-9x^2 - 13x$
8	$-5m - m + 7$ $-6m + 7$	$13xy - 17 + 1xy - 1$ $14xy - 18$	$4a - 3c - 7a - 3c$ $-3a - 6c$
9	$4x + 7y + 11x + 8z$ $15x + 7y + 8z$	$7x + 11xy + 1x + 9$ $11xy + 8x + 9$	$1mn + 4m + 6n + 2mn$ $3mn + 4m + 6n$
10	<p>Find the perimeter of the rectangle in simplest form. (Remember, perimeter is the distance around the outside of a polygon.)</p>  <p> $P = 2x + x + 2x + x$ $P = 6x$ units </p>		

CLASSWORK:

Simplify each expression.

	A	B
4	$2(4 + 3x) + x$ $(8) + 6x + x$ $7x + 8$	$3(6x + 2y) + 22x$ $18x + 6y + 22x$ $40x + 6y$
5	$-5(2 + 3x) + 2(4x + 2)$ $(-10) - 15x + 8x + 4$ $-7x - 6$	$15y - 3(6y + 4) + 8$ $15y - 18y - 12 + 8$ $-3y - 4$
6	$-(m - 1) + 4m + 2$ $-m + 1 + 4m + 2$ $3m + 3$	$4a - 6 - 2(3a - 1)$ $4a - 6 - 6a + 2$ $-2a - 4$
*7	$(3x + 2) + (5x + 7)$ $3x + 2 + 5x + 7$ $8x + 9$	$(-5x + 12) - (8x + 11)$ $-5x + 12 - 8x - 11$ $-13x + 1$

HOMEWORK

Simplify each expression.

	A	B	C
1	$6(x + 2) + 8x$	$18y + 5(7 + 3y)$	$-(x + 2) - 8x$
2	$-7x^2 - 2x - 8x^2 + x$	$-16mn + 4m + 2mn - m$	$-30xy - 5x + 2xy - 7x$
3	$5(x + 2y) - 4y - 7x$	$-2(2x + 1) + 3x - 5$	$8y - 2(3y - 4) + 2$
4	$-3(2x - 4)$	$-5(-8x - 2y + 4)$	$-4(2x - 6) - 7x - 5$
5	$-7(-2 + 4x) - 13x + 25$	$-10(-5x + 8) - 15 + 25x$	