Warm-Up

January 12, 2017

Simplify:

1. $(-4x^2 + 9x - 3) - (8x^2 - 3x + 5) + 2x(3x - 4)$

$-4x^2 + 9x - 3 - 8x^2 + 3x - 5 + 6x^2 - 8x$

$-4x^2 - 8x^2 + 6x^2 + 9x + 3x - 8x - 3 - 5$

$-6x^2 - 4x - 8$

Find the product or quotient

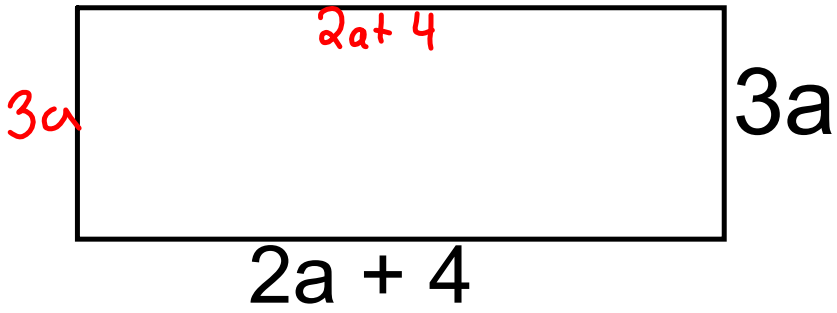
A. $-3x(-5x^2 - 10x + 5)$

$15x^3 + 30x^2 - 15x$

B. $\dfrac{-15y^2 - 18y}{-3y}$

$\dfrac{-15y^2}{-3y} - \dfrac{18y}{-3y}$

$5y + 6$



Write a simplified expression for perimeter....

Perimeter

$P = s_1 + s_2 + s_3 \ldots$

$P = 2a+4+3a+2a+4+3a$

$2a+3a+2a+3a+4+4$

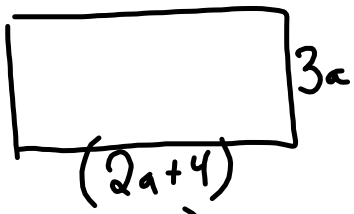
$10a+8$

$a=2$ what is perimeter

$10(2)+8$

$20+8=28$

Area = bh



$A = 3a(2a+4)$

$6a^2+12a$

What is the area if $a=3$

$6a^2+12a$

$6(3)^2+12(3)$

$6(9)+36$

$54+36$

90

Test Wednesday

Jan. 13

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1 [a]
2
5 ALL [descending order!!!]
10
12 ALL
15 ALL
19
22 [a, c, e, g, i, k]
23 [a, c]
27
28
29

Even More Practice...

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1, 2, 5, 6,8

Still more...

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