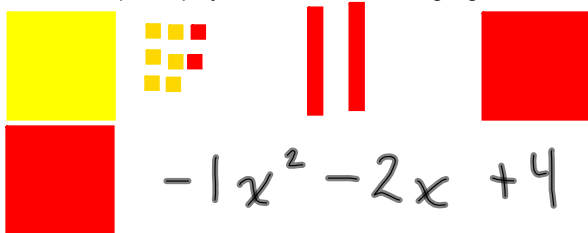


Warm Up

Feb. 7, 2012



Write the simplified polynomial for the following algebra tiles.



$$-1x^2 - 2x + 4$$

Simplify the following polynomials

$$\begin{aligned} & \underline{3n^2} + \underline{7} - \underline{12} - \underline{5n^2} + \underline{10} \\ & 3n^2 - 5n^2 + 7 - 12 + 10 \\ & -2n^2 + 5 \end{aligned}$$

$$\begin{aligned} & \underline{7n^2} - \underline{3n} + \underline{12n} - \underline{2n^2} + \underline{8} \\ & 7n^2 - 2n^2 - 3n + 12n + 8 \\ & 5n^2 + 9n + 8 \end{aligned}$$

Homework Questions

$$17) \quad \underline{10x^2} - \underline{2x^2} - \underline{1x^2} + \underline{5x} + \underline{7x}$$

$$\qquad \qquad \qquad \underbrace{\hspace{10em}}$$

$$\qquad \qquad \qquad \underline{7x^2} + \underline{12x}$$

5 terms $\xrightarrow{\text{simplify}}$ 2 terms
degree 2

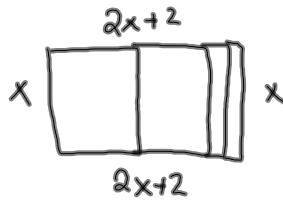
Perimeter - is the distance around an object
 - to calculate you add the length of each side

Write a polynomial to represent the perimeter of the rectangle.

Example 2) Write a polynomial to represent the perimeter of each rectangle.

$$2x+1 + x + 2x+1 + x = 6x+2$$

Example 3) Use algebra tile to make the rectangle with perimeter $6x + 4$



Homework



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#12(b, c, e)

#13(b, c, e)

#14(a, d, e)

WORKSHEET

Course Outline Grade 9 2010-2011 Second Semester.docx