

Feb. 24, 2016

Feb. 23, 2015

Feb. 22, 2018

**Mini-Lesson # 2 (TASK 2 & 3)**

**5.6 Multiplying Monomials**

Everyone needs a bag of tiles

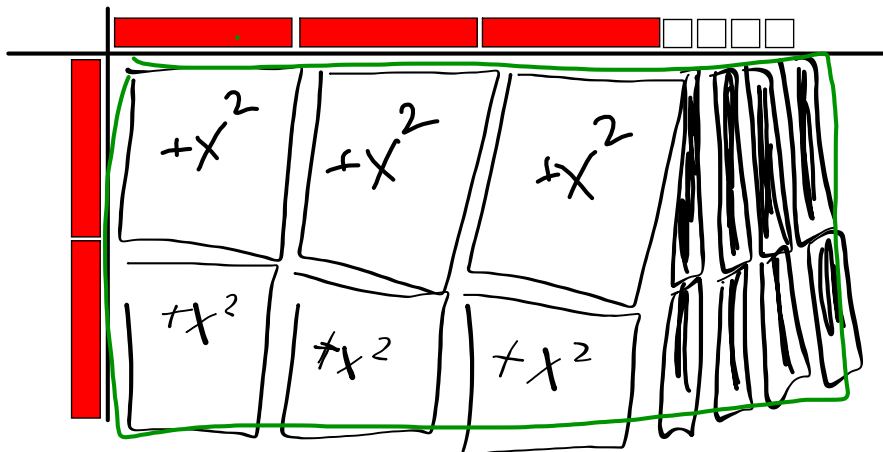
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**Ex. 1**

**Multiplying a Polynomial by a Monomial**

Determine the product using algebra tiles:

$$-2x(-3x + 4)$$



$$-2x(-3x + 4) = 6x^2 - 8x$$

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**Ex. 2**

## Multiplying a Polynomial by a Monomial

Determine the product:

$$-2x(-3x + 4) \quad \text{Use the distributive property}$$

$$\begin{aligned} & \overbrace{-2x(-3x + 4)} \\ &= 6x^2 - 8x \end{aligned}$$

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**You Try:**

Model the following product:

Use the distributive property to check your answer.

$$-x(2x - 3)$$



$$-x(2x - 3) = -2x^2 + 3x$$

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