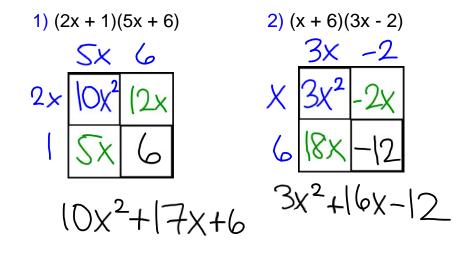


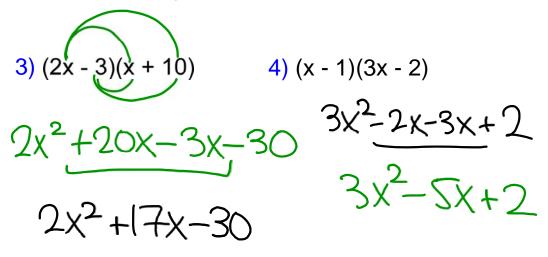
Explain how the result $x^2 + 15x + 56$ is related to 756 determined in the warm up?

Use the box method (area method to multiply the following binomials)



What other methods can you use to multiply polynomials?

Multiply the following and combine like terms.



Multiplying Polynomials Day 1-40-41.notebook

What method would you use to multiply more complicated polynomials?

Multiply the following and combine like terms.

5)
$$(x^{2} + 3x + 1)(x + 10)$$

$$X = \begin{cases} x^{2} - 3x & l \\ \hline x^{3} - 3x^{2} - l \\ \hline x^{3} - 3x^{2} - l \\ \hline x^{2} - 30x & l \\ \hline x^{3} + \frac{3}{3}x^{2} + \frac{3}{3}x + \frac{3}{3}x + \frac{3}{3}x^{2} + \frac{$$

Independent Practice Worksheet - Odds #23 bonus Exit Ticket Multiply $(x - 1)(4x^2 + 4x - 1)$ and combine like terms.