Factoring Quadratics- Day 2

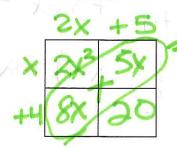
Explore

Name_____Period_

Factoring Using the X-Box Method

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Review: Find the area of a rectangle with the dimensions of (2x + 5) ft and (x + 4) ft.



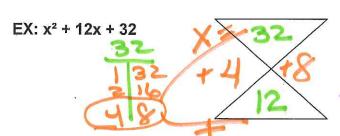
2x2+13x+20

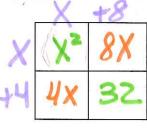
X-box method: to find factors

1. Always check to see if you need to divide out a GCF.

2. Find two numbers multiple together (factors) equal ac and dodd together equal b

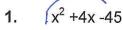
3. Put the four terms in the box and find the GCF of each COU or Column

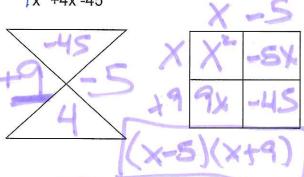




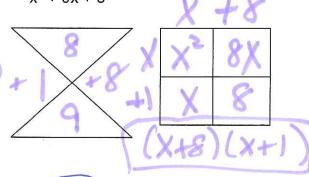
(X+8)(X+4)

Factor each trinomial using the box method.



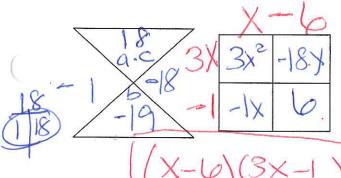


2.
$$x^2 + 9x + 8$$



3.
$$3x^2 - 19x + 6$$

4.
$$4x^2 - 8x + 3$$



1	7.
	d/2X
~ 2>	

