

	Warm Up
	Factor these perfect square trinomials!
	$x^2 + 4x + 4$
	$x^2 + 12x + 36$
	$x^2 - 14x + 49$

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	<u>Solving Quadratics by</u>
	<u>Completing the Square</u>
a=1	$x^2 + 4x - 96 = 0$

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	$x^2 - 6x - 16 = 0$
	$x^2 + 12x + 4 = 0$

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	$x^2 - 2x = 2$
	$x^2 - 6x - 11 = 0$

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$x^2 + 8x + 28 = 0$
$x^2 + 6x + 59 = 0$

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Part II <u>Solving Quadratics by</u>
<u>Completing the Square</u>
What if "b" is not even?

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$x^2 - 7x + 5 = 0$
$x^2 + 5x + 14 = 0$

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Your Turn!
$x^2 - 3x + 7 = 0$

Mar 30-10:27 AM

Solving by Completing the Square - Part III
a > 1
$3x^2 + 4x - 15 = 0$
$7x^2 - 6x + 2 = 0$

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JK....not even going there!
But you can for extra credit!
Solve both problems on the last slide, show all work, and turn in to me by Friday and I will give you 2 points per correct problem on the test

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