

Factoring Complex Trinomials, page 3

<p>Example 4: $6x^2y^2 - 2xy^2 - 60y^2$</p>	<p>Step 1: Factor Statement:</p>
	<p>Step 2: Set signs for the factors.</p>
	<p>Step 3: Factor the variable squares.</p>
	<p>Step 4: Factor a; factor and reverse factor c $a = \underline{\hspace{2cm}}$ $c = \underline{\hspace{2cm}}$ <u>Factor Statement Work Space</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Look for the combination that fits the factor statement.</p>
	<p>Step 5: Use the "a" factors in the 1st positions and the "c" factors in 2nd positions of your solution.</p>
	<p>Step 6: FOIL to check.</p>

<p>Example 5: $-x^2 + 24x + 25$</p>	<p>Step 1: Factor Statement:</p>
	<p>Step 2: Set signs for the factors.</p>
	<p>Step 3: Factor the variable squares.</p>
	<p>Step 4: Factor a; factor and reverse factor c $a = \underline{\hspace{2cm}}$ $c = \underline{\hspace{2cm}}$ <u>Factor Statement Work Space</u></p> <p>_____</p> <p>_____</p> <p>Look for the combination that fits the factor statement.</p>
	<p>Step 5: Use the "a" factors in the 1st positions and the "c" factors in 2nd positions of your solution.</p>
	<p>Step 6: FOIL to check.</p>