

## Factoring Simple Trinomials, page 2

Example 2: $x^2 - 6x + 9$	Step 1: Factor Statement:
(        ) (        )	Step 2: Set signs for the factors.
	Step 3: Factor the variable squares.
	Step 4: Factor c c = _____ <u>Factor Statement Work Space</u>  _____  _____  Look for the combination that fits the factor statement.
	Step 5: Use the "c" factors in 2 <sup>nd</sup> positions of your solution.
	Step 6: FOIL to check.

Example 3: $x^2 + 8xy + 15y^2$	Step 1: Factor Statement:
(        ) (        )	Step 2: Set signs for the factors.
	Step 3: Factor the variable squares.
	Step 4: Factor c c = _____ <u>Factor Statement Work Space</u>  _____  _____  Look for the combination that fits the factor statement.
	Step 5: Use the "c" factors in 2 <sup>nd</sup> positions of your solution.
	Step 6: FOIL to check.