

Factoring Complex Trinomials, page 2

Example 2: $20x^2 + 27x - 8$	Step 1: Factor Statement:
$(\quad) (\quad)$	Step 2: Set signs for the factors.
	Step 3: Factor the variable squares.
	Step 4: Factor a; factor and reverse factor c $a = \underline{\quad}$ $c = \underline{\quad}$ <u>Factor Statement Work Space</u> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	Look for the combination that fits the factor statement.
	Step 5: Use the "a" factors in the 1 st positions and the "c" factors in 2 nd positions of your solution.
	Step 6: FOIL to check.

Example 3: $2x^2 + 17x + 10$	Step 1: Factor Statement:
$(\quad) (\quad)$	Step 2: Set signs for the factors.
	Step 3: Factor the variable squares.
	Step 4: Factor a; factor and reverse factor c $a = \underline{\quad}$ $c = \underline{\quad}$ <u>Factor Statement Work Space</u> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
	Look for the combination that fits the factor statement.
	Step 5: Use the "a" factors in the 1 st positions and the "c" factors in 2 nd positions of your solution.
	Step 6: FOIL to check.