



Factoring "Hard" Trinomials

Version 2

Name: _____

Date: _____

Score: _____

Direction: Factor each trinomial completely. Include in your solution that the product of two binomials gives back the original trinomial. Show all your work in the space provided.

1) $5x^2 + 29x - 6$

2) $5x^2 + 17x + 14$

3) $2x^2 + 7x - 4$

4) $3x^2 - 11x + 6$



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1) $5x^2 + 29x - 6$

$$(5x-1)(x+6)$$

2) $5x^2 + 17x + 14$

$$(5x+7)(x+2)$$

3) $2x^2 + 7x - 4$

$$(2x-1)(x+4)$$

4) $3x^2 - 11x + 6$

$$(3x-2)(x-3)$$