



Factoring "Hard" Trinomials

Version 1

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) $2x^2 + 11x + 15$

2) $3x^2 + 16x - 12$

3) $3x^2 - 8x - 16$

4) $2x^2 - 13x + 6$



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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) $2x^2 + 11x + 15$

$$(2x + 5)(x + 3)$$

2) $3x^2 + 16x - 12$

$$(3x - 2)(x + 6)$$

3) $3x^2 - 8x - 16$

$$(3x + 4)(x - 4)$$

4) $2x^2 - 13x + 6$

$$(2x - 1)(x - 6)$$