

Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

## Practice 9-6

Factoring Trinomials of the Type  $ax^2 + bx + c$

Factor each expression.

- $2x^2 + 3x + 1$
- $2x^2 + 5x + 3$
- $2n^2 + n - 6$
- $3x^2 - x - 4$
- $2y^2 - 9y - 5$
- $5x^2 - 2x - 7$
- $7n^2 + 9n + 2$
- $3c^2 - 17c - 6$
- $3x^2 + 8x + 4$
- $6x^2 - 7x - 10$
- $3x^2 - 10x + 8$
- $3y^2 - 16y - 12$
- $5x^2 + 2x - 3$
- $3x^2 + 7x + 2$
- $7x^2 - 10x + 3$
- $3x^2 + 8x + 5$
- $2x^2 + 9x + 4$
- $5x^2 - 7x + 2$
- $5x^2 - 22x + 8$
- $4x^2 + 17x - 15$
- $5x^2 - 33x - 14$
- $3x^2 - 2x - 8$
- $3y^2 + 7y - 6$
- $2x^2 + 13x - 24$
- $4y^2 - 11y - 3$
- $2y^2 + 9y + 7$
- $5y^2 - 3y - 2$
- $7y^2 + 19y + 10$
- $7x^2 - 30x + 8$
- $3x^2 + 17x + 10$
- $2x^2 + 5x - 3$
- $2x^2 - 5x + 3$
- $3x^2 + 10x + 3$
- $2x^2 - x - 21$
- $5x^2 - 11x + 2$
- $4x^2 + 4x - 15$
- $6x^2 - 19x + 15$
- $2x^2 - x - 15$
- $3x^2 - 7x - 6$
- $2x^2 - 5x - 12$
- $6x^2 - 7x - 5$
- $4x^2 + 7x + 3$
- $12y^2 - 7y + 1$
- $6y^2 - 5y + 1$
- $6x^2 - 11x + 4$
- $12x^2 + 19x + 5$
- $7y^2 + 47y - 14$
- $11x^2 - 54x - 5$
- $15x^2 - 19x + 6$
- $8x^2 - 30x + 25$
- $14y^2 + 15y - 9$
- $22x^2 + 51x - 10$
- $14x^2 - 41x + 15$
- $8y^2 + 17y + 9$
- $8x^2 + 65x + 8$
- $20x^2 + 37x + 15$
- $24y^2 + 41y + 12$
- $18x^2 - 27x + 4$
- $10x^2 + 3x - 4$
- $10y^2 - 29y + 10$

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