Name _____ Class _____ Date _____

Practice 9-6

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

Factor each expression.

1. $2x^2 + 3x + 1$ _____

2. $2n^2 + n - 6$ _____

3. $3x^2 - x - 4$ _____

4. $5x^2 - 2x - 7$ _____

5. $7n^2 + 9n + 2$ _____

6. $3x^2 + 8x + 4$ _____

7. $3y^2 - 16y - 12$ _____

8. $5x^2 + 2x - 3$ _____

9. $7x^2 - 10x + 3$ _____

10. $3x^2 + 8x + 5$ _____

11. $5x^2 - 7x + 2$ _____

12. $5x^2 - 22x + 8$ _____

13. $5x^2 - 33x - 14$ _____

14. $3x^2 - 2x - 8$ _____

15. $4y^2 - 11y - 3$ _____

16. $5y^2 - 3y - 2$ _____

17. $7y^2 + 19y + 10$ _____

18. $3x^2 + 17x + 10$ _____

19. $2x^2 + 5x - 3$ _____

20. $3x^2 + 10x + 3$ _____

21. $2x^2 - x - 21$ _____

22. $3x^2 - 7x - 6$ _____

23. $2x^2 - 5x - 12$ _____

24. $4x^2 + 7x + 3$ _____

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