

Factoring Quadratic Expressions (C)

Name: _____

Date: _____

Factor each expression.

1. $-20x^2 - 84x + 216$

11. $-6x^2 - 75x - 189$

2. $9x^2 - 87x + 54$

12. $-15x^2 - 50x - 35$

3. $10x^2 + 54x + 20$

13. $-20x^2 + 48x + 128$

4. $-4x^2 - 22x + 42$

14. $8x^2 - 16x + 6$

5. $12x^2 + 48x + 45$

15. $3x^2 - 15x - 18$

6. $-8x^2 + 26x - 6$

16. $16x^2 - 36$

7. $6x^2 + 50x - 36$

17. $25x^2 + 160x - 320$

8. $-4x^2 + 10x + 50$

18. $6x^2 + 57x + 27$

9. $-10x^2 + 12x - 2$

19. $12x^2 - 111x + 189$

10. $8x^2 + 90x + 162$

20. $-4x^2 + 18x - 14$