

Factoring Quadratic Expressions (F)

Name: _____

Date: _____

Factor each expression.

1. $36x^2 - 111x + 84$

11. $-120x^2 - 205x + 175$

2. $180x^2 + 240x + 35$

12. $-96x^2 - 84x - 9$

3. $45x^2 - 15x - 100$

13. $-108x^2 + 276x - 160$

4. $-48x^2 + 44x - 6$

14. $12x^2 + 87x - 72$

5. $-45x^2 + 87x - 24$

15. $-24x^2 - 66x - 27$

6. $-315x^2 + 415x - 120$

16. $84x^2 - 74x + 10$

7. $40x^2 + 2x - 60$

17. $-10x^2 - 48x - 32$

8. $64x^2 + 120x + 54$

18. $-12x^2 + 104x - 192$

9. $70x^2 - 145x + 60$

19. $-72x^2 + 78x + 189$

10. $24x^2 - 76x - 28$

20. $60x^2 - 147x + 90$