

Factoring Quadratic Expressions (F)

Name: _____

Date: _____

Factor each expression.

1. $-20x^2 - 115x + 175$

11. $12x^2 + 15x - 18$

2. $20x^2 + 160x + 315$

12. $-6x^2 + 34x - 48$

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

13. $-8x^2 + 44x + 84$

4. $-16x^2 - 140x - 96$

14. $8x^2 - 60x + 108$

5. $-4x^2 + 26x - 40$

15. $16x^2 + 60x + 36$

6. $20x^2 - 135x - 405$

16. $20x^2 + 20x + 5$

7. $-12x^2 + 88x + 180$

17. $-16x^2 + 4x + 72$

8. $12x^2 + 52x + 16$

18. $-2x^2 + 14x + 16$

9. $-5x^2 + 50x - 80$

19. $12x^2 - 136x + 252$

10. $8x^2 - 60x - 32$

20. $6x^2 + 3x - 108$