

Factoring Quadratic Expressions (D)

Name: _____

Date: _____

Factor each expression.

1. $-2x^2 + 2x + 60$

11. $-4x^2 + 16x + 84$

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

12. $-20x^2 - 120x - 135$

3. $20x^2 - 120x + 135$

13. $8x^2 + 40x + 42$

4. $2x^2 + 2x - 12$

14. $20x^2 + 20x - 315$

5. $-6x^2 + 14x + 12$

15. $-3x^2 - 6x + 9$

6. $-20x^2 - 100x - 105$

16. $-6x^2 - 51x - 108$

7. $-2x^2 - 2x + 144$

17. $16x^2 + 12x - 40$

8. $-8x^2 - 54x + 162$

18. $2x^2 - 12x - 54$

9. $-16x^2 + 4x + 72$

19. $-20x^2 + 15x + 50$

10. $8x^2 + 92x + 252$

20. $8x^2 - 162$