

Factoring Quadratic Expressions (D)

Name: _____

Date: _____

Factor each expression.

1. $20x^2 + 184x + 36$

11. $36x^2 - 66x - 12$

2. $-10x^2 + 74x + 48$

12. $27x^2 - 252x + 441$

3. $-2x^2 + 16x + 18$

13. $12x^2 + 14x - 6$

4. $-56x^2 - 175x - 21$

14. $-14x^2 - 52x + 90$

5. $16x^2 - 52x - 90$

15. $42x^2 + 72x - 24$

6. $-18x^2 + 30x + 72$

16. $36x^2 - 66x - 432$

7. $-32x^2 + 128x + 72$

17. $4x^2 + 18x - 10$

8. $-6x^2 - 40x + 64$

18. $24x^2 - 76x + 12$

9. $63x^2 + 371x + 280$

19. $24x^2 + 69x + 42$

10. $-30x^2 - 324x - 486$

20. $54x^2 - 288x + 384$