

Factoring Quadratic Expressions (A)

Name: _____

Date: _____

Factor each expression.

1. $4x^2 + 18x - 112$

11. $-8x^2 - 48x - 70$

2. $12x^2 - 44x - 80$

12. $12x^2 + 44x - 80$

3. $6x^2 + 21x - 27$

13. $2x^2 + 6x - 8$

4. $12x^2 + 52x - 224$

14. $20x^2 + 215x + 315$

5. $10x^2 - 25x - 125$

15. $-4x^2 - 36x - 56$

6. $-5x^2 - 60x - 135$

16. $-16x^2 + 12x + 28$

7. $8x^2 - 6x - 54$

17. $15x^2 - 110x + 175$

8. $-8x^2 + 26x - 18$

18. $12x^2 - 40x - 32$

9. $-16x^2 - 116x - 180$

19. $-20x^2 - 155x + 225$

10. $-2x^2 - 34x - 144$

20. $-12x^2 - 32x - 16$