

Factoring Quadratic Expressions (A)

Name: _____

Date: _____

Factor each expression.

1. $-4x^2 + 32x - 48$

11. $-16x^2 + 100$

2. $12x^2 - 28x + 8$

12. $-10x^2 - 5x + 180$

3. $2x^2 - 4x - 96$

13. $-15x^2 - 84x + 36$

4. $4x^2 + 26x + 30$

14. $20x^2 - 85x + 20$

5. $-8x^2 - 56x - 98$

15. $12x^2 - 51x - 126$

6. $-8x^2 + 68x - 32$

16. $5x^2 - 15x + 10$

7. $-12x^2 - 93x + 135$

17. $4x^2 + 40x + 100$

8. $-25x^2 - 110x - 40$

18. $25x^2 + 165x - 280$

9. $-8x^2 - 8x + 70$

19. $12x^2 - 57x - 90$

10. $16x^2 - 20x - 36$

20. $-15x^2 - 78x - 15$