

Factoring Quadratic Expressions (J)

Name: _____

Date: _____

Factor each expression.

1. $-30x^2 + 9x + 3$

11. $32x^2 - 68x - 30$

2. $-96x^2 - 308x - 196$

12. $-36x^2 + 256$

3. $45x^2 - 24x - 36$

13. $-16x^2 - 50x - 36$

4. $-108x^2 + 180x - 75$

14. $28x^2 - 96x - 64$

5. $60x^2 - 38x - 126$

15. $45x^2 + 90x + 40$

6. $63x^2 + 15x - 18$

16. $54x^2 - 102x + 20$

7. $-56x^2 + 54x - 10$

17. $63x^2 + 111x + 36$

8. $-280x^2 - 675x - 405$

18. $-32x^2 - 72x + 140$

9. $-48x^2 + 68x + 90$

19. $-36x^2 + 60x - 9$

10. $245x^2 - 245x + 60$

20. $12x^2 - 44x + 40$