

Factoring Quadratic Expressions (B)

Name: _____

Date: _____

Factor each expression.

1. $-32x^2 + 28x + 4$

11. $-280x^2 + 45x + 405$

2. $98x^2 + 14x - 12$

12. $18x^2 - 105x + 108$

3. $-126x^2 - 75x - 9$

13. $-252x^2 + 92x + 224$

4. $144x^2 + 140x - 196$

14. $-64x^2 + 32x + 140$

5. $-24x^2 + 26x + 8$

15. $-288x^2 - 292x + 36$

6. $-32x^2 - 152x - 180$

16. $135x^2 - 60x + 5$

7. $-24x^2 - 220x - 224$

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

8. $160x^2 + 500x + 315$

18. $-288x^2 - 28x + 196$

9. $60x^2 - 100x + 35$

19. $162x^2 + 279x + 105$

10. $200x^2 - 215x + 35$

20. $252x^2 + 212x - 144$