

Name _____ Date _____

Homework Factoring Quadratics

Factor each quadratic into two binomials

1. $x - 4x^2$

7. $3x^2 + 10x + 3$

2. $-3x^2 - 15x$

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

3. $5x(x - 2) - 3(x - 2)$

9. $24 + 10x - x^2$

4. $(x + 3)(2x) + (x + 3)(7)$

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

5. $ax^2 + 5a^2x^2 - 2ax$

11. $12x^2 - 3x - 9$

6. $4ab^2 - 6a^2b$

12. $3x^2 - 5x - 2$