

Name \_\_\_\_\_



Date \_\_\_\_\_

## Quadratic Equations

Use the quadratic formula to solve each equation.

1. $8x^2 - x - 5 = 0$	2. $-3x^2 + x = -10x - 4$	3. $4x + 10 = 6x^2$
4. $15x^2 - 21x + 3 = 0$	5. $7\frac{1}{2}x^2 - 3\frac{1}{3}x = 6\frac{2}{3}x + 9\frac{1}{6}$	6. $x^2 - 3x - 26 = -28$
7. $20x^2 + 6x = 2$	8. $-16\frac{1}{2}x^2 + 6x + 5\frac{1}{4} = -7\frac{1}{2}x^2$	9. $-4x^2 - 11x + 2 = 0$
10. $8x^2 + 20x = -12$	11. $-12x^2 = 7x - 5$	12. $\frac{1}{3}x^2 - 3x - 3\frac{2}{3} = 0$
13. $6x^2 - 30x = 21$	14. $-x^2 - 3x + 4 = 0$	15. $5x + 1 = -6x^2$