

Name _____



Date _____

Quadratic Equations

Find the discriminant of each quadratic equation.

1. $8x^2 + 3x - 6 = 0$	2. $x^2 + 7x + 4 = 0$	3. $-5x^2 + 12x - 9 = 0$
4. $-5x^2 - 2x + 10 = 0$	5. $10x^2 + 2x - 7 = 0$	6. $-6x^2 - 9x + 8 = 0$
7. $5x^2 - x + 12 = 0$	8. $6x^2 + 8x - 1 = 0$	9. $-4x^2 + 9x + 7 = 0$
10. $-3x^2 - 10x + 2 = 0$	11. $x^2 + 3x - 12 = 0$	12. $-2x^2 + 7x - 6 = 0$
13. $-6x^2 + x - 7 = 0$	14. $4x^2 - 8x - 9 = 0$	15. $5x^2 + 12x + 3 = 0$