

Section P-5 Solving Quadratic Eqns

Date _____

Solve each equation by factoring, square roots, or the quadratic formula. When using the quadratic formula, find the discriminant first and describe the number and type of solutions you'd get. Use each method 3 times

1) $24a^2 - 104a + 112 = 0$

2) $10n^2 - 10n - 7 = 0$

3) $3(2x + 3)^2 - 5 = 16$

4) $4m^2 + 34m + 42 = 0$

5) $4(x - 7)^2 - 6 = 10$

6) $9x^2 + 3x - 8 = 0$

7) $2x^2 + 10x - 1 = 0$

8) $-7 - 3x^2 = -67$

9) $7m^2 + 22m + 3 = 0$