

Homework

I. Solve the following using any method (Factoring, Completing the Square, or The Quadratic Equation)

1) $x^2 + 8x + 15 = 0$

2) $3x^2 + 16x - 84 = 0$

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

II. Find the number of real solutions using the discriminant

1) $3x^2 = 5x - 1$

2) $2x^2 = -2x + 3$

3) $x^2 + 4x + 4 = 0$

4) $5x^2 + 3x = -4$