

Polynomial Equations

1. Solve: $x^2 - 6x + 8 = 0$.

2. Find the x-intercepts of $y = 4x^2 - 8x + 12$.

3. Solve: $x^3 - 2x^2 - x + 2 = 0$.

4. Solve: $-5 + (5 - 3x)^{3/2} = 22$.