

Precalculus
Finding the Zeros

Quadratic Functions

Find all of the zeros.

1. $f(x) = x^3 + x^2 - 4x - 4$

2. $f(x) = -3x^3 + 20x^2 - 36x + 16$

3. $f(x) = -4x^3 + 15x^2 - 8x - 3$

4. $f(x) = 6x^3 - x^2 - 13x + 8$

5. $f(x) = 2x^3 + 5x^2 - 21x - 10$

6. $f(x) = 4x^3 + 7x^2 - 11x - 18$

7. $f(x) = x^4 - x^3 - 2x - 4$

8. $f(x) = 2x^4 - 11x^3 - 6x^2 + 64x + 32$

9. $f(x) = x^4 - x^3 - 29x^2 - x - 30$

10. $f(x) = 2x^4 + 7x^3 - 26x^2 + 23x - 6$