

Solving Polynomials by Factoring

Name _____

Date _____ Period _____

Solve the following polynomials by factoring.

$$2x^5 - 10x^4 - 12x^3 = 0$$

$$x^4 - 13x^2 + 36 = 0$$

Solve the following polynomials by factoring.

$$x^3 + 3x^2 - 4x - 12 = 0$$

$$x^3 - 2x^2 - 25x + 50 = 0$$

Solve the following polynomials by factoring.

$$2x^3 - 5x^2 - 4x + 10 = 0$$

$$5x^5 - 10x^3 + 5x = 0$$