

Quadratic Form

Any expression in the form $au^2 + bu + c$, where u is any expression in terms of x .

$$3(x + 1)^2 + 8(x + 1) + 5$$

$$2x^4 + 7x^2 - 9$$

Quadratic Form

Any expression in the form $au^2 + bu + c$, where u is any expression in terms of x .

$$x^6 + 4x^3 + 4$$

$$2x + 3x^{\frac{1}{2}} - 5$$

Factor the following polynomials

$$2x^4 - 3x^2 - 5$$

$$3x + 4x^{\frac{1}{2}} - 4$$

Factor the following polynomials

$$x^4 - 2x^2 - 8$$

$$x^6 + 7x^3 + 6$$