Equacions Biquadrades:

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

$x^4 - x^2 - 6 = 0$

$2z^4 - 18 = 20\, z^2$

$x^4 - 15\, x^2 = 16$

Equacions irracionals:

$\sqrt{x-3} = 4$

$\sqrt{x+5} = x-1$

$2x + \sqrt{x+1} = 8$

$\sqrt{2x+3} - 1 = x$

$x + \sqrt{x-1} = \sqrt{x+3} + 3$

$3\sqrt{x+2} + (x-3)^2 = 3$

$\sqrt{x^2 + 25} - 13 = 0$

$\sqrt{2x+7} - \sqrt{x} = 2$

$x - \sqrt{x+1} = 1$

$\dfrac{2x-3}{\sqrt{x-2}} = 2\sqrt{x-2} + 1$

$2x - \sqrt{10x+10} = 8$

$\sqrt{10x-1} - \sqrt{5x-1} = 5$

$\sqrt{3+x} + \sqrt{x} = \dfrac{6}{\sqrt{3+x}}$

$\sqrt{x+4} - \sqrt{x-4} = \dfrac{x+1}{\sqrt{x+4}}$

$\dfrac{\sqrt{4x+5}}{2-\sqrt{x}} = \dfrac{2+\sqrt{x}}{\sqrt{x}}$

$\sqrt{x+6} + \sqrt{x+13} = \sqrt{10x+19}$