

## Equazioni incomplete

$$1. (x-2)^3 + x^2 = x^3 + 6x(2-x)$$

$$2. (x-1)(3x+1) = 2x-1$$

$$3. 2x+1 = \frac{1}{1-2x}$$

## Equazioni complete

$$1. 6x^2 - 17x + 5 = 0$$

$$2. 4x^2 + 4x + 1 = 0$$

$$3. (3x-1)^2 + \frac{1}{2}(x-1)^3 - \frac{1}{2} = \frac{1}{2}(x-1)(x^2+x+1)$$

$$4. \frac{x^2+1-5x}{15} = -\frac{1-3x}{15} - \frac{8}{5}$$

$$5. \frac{2x-1}{x-1} + \frac{3x+1}{x-3} = \frac{-2}{x^2-4x+3}$$

$$6. -\frac{3}{x} + x = 2$$

$$7. \frac{x+9}{x^2-9} + 1 - \frac{x}{x+3} = \frac{5}{x-3} - \frac{x^2}{9-x^2}$$