

$$\frac{2x-3}{5x^2-7x+2} + \frac{2}{1-x} = 0$$

$$\frac{2x-3}{5x^2-5x-2x+2} + \frac{2}{1-x} = 0$$

$$\frac{2x-3}{5x(x-1)-2(x-1)} + \frac{2}{1-x} = 0$$

$$\frac{2x-3}{(5x-2)(x-1)} + \frac{2}{1-x} = 0$$

$$\frac{2x-3}{(5x-2)(x-1)} - \frac{2}{-1+x} = 0$$

$$\frac{2x-3-2(5x-2)}{(5x-2)(x-1)} = 0$$

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

$$8x+1=0$$

$$x = -\frac{1}{8}$$

$$\text{C.E. } x \neq \frac{2}{5}$$
$$x \neq 1$$

$$S = \left\{ -\frac{1}{8} \right\}$$

$$\frac{1}{9x^2 - 6x + 1} = \frac{1}{2 - 6x}$$

$$9x^2 - 3x - 3x + 1$$

$$3x(3x - 1) - 1(3x - 1)$$

$$(3x - 1)(3x - 1)$$

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

$$\frac{1}{(3x - 1)^2} - \frac{1}{2(1 - 3x)} = 0 \Rightarrow \frac{1}{(3x - 1)^2} + \frac{1}{2(3x - 1)}$$

$$D \frac{2 + 1(3x - 1)}{2(3x - 1)^2} = 0 \quad \text{C.E. } x \neq \frac{1}{3}$$

$$2 + 3x - 1 = 0$$

$$3x + 1 = 0$$

$$x = -\frac{1}{3}$$

$$S = \left\{ -\frac{1}{3} \right\}$$

Si potrebbe anche comb. in segno in modo diverso: infatti: $(3x - 1)^2$ è uguale a $(1 - 3x)^2$
 $9x^2 + 1 - 6x$ $1 + 9x^2 - 6x$

sono uguali

$$\frac{1}{(3x - 1)^2} - \frac{1}{2(1 - 3x)} = 0$$

C.E. $x \neq \frac{1}{3}$

$$\frac{1}{(1 - 3x)^2} - \frac{1}{2(1 - 3x)} = 0$$

$$\frac{2 - (1 - 3x)}{2(1 - 3x)^2} = 0$$

$$2 - 1 + 3x = 0$$

$$1 + 3x = 0 \Rightarrow 3x = -1 \Rightarrow x = -\frac{1}{3}$$

$$\text{C.E. } x \neq -\frac{1}{2} \wedge x \neq 3$$

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

$$a=2 \quad b=-5 \quad c=-3$$

$$\Delta = b^2 - 4ac$$

$$25 - 4(-6) \quad 25 + 24 = 49$$

$$\frac{3+2x^2}{(2x+1)(x-3)} + \frac{x}{3-x} = 0$$

$$x_{1,2} = \frac{-b \pm \sqrt{\Delta}}{2a}$$

$$\frac{-(-5) \pm \sqrt{49}}{2 \cdot 2} = \frac{5 \pm 7}{4}$$

$$\left\{ \begin{array}{l} \frac{-12}{4} + 3 \\ \frac{2}{4} - \frac{1}{2} \end{array} \right.$$

$$\frac{3+2x^2 - x(2x+1)}{(2x+1)(3-x)} \cdot D = 0$$

$$a(x-x_1)(x-x_2)$$

$$3 + \cancel{2x} - \cancel{2x^2} - x = 0$$

$$2(x-3)\left(x+\frac{1}{2}\right)$$

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

$3-x=0$ non accettabile
 $x=3$ $S = \emptyset$

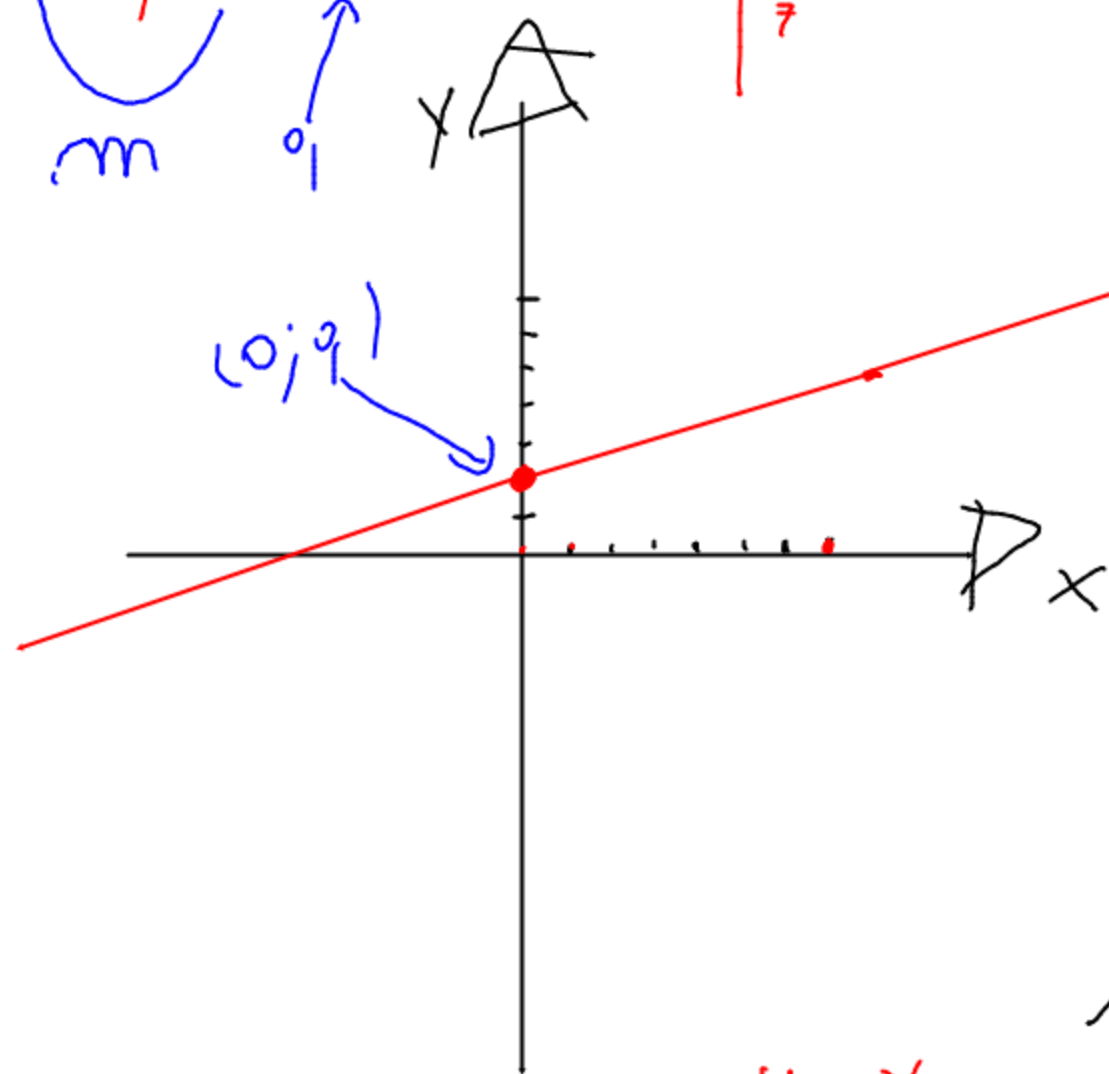
di segnare

$3x - 7y + 2 = 0$ in un piano cartes. monometrico
con $u = 7$ quadrati

$$-7y = -3x - 2$$

$$y = +\frac{3}{7}x + \frac{2}{7}$$

X	Y
0	$\frac{2}{7}$
1	$\frac{5}{7}$



$$y = 2x - 1$$

X	Y
0	-1
1	1

