2/10/2020

42 
$$\begin{cases} y \\ y \end{cases}$$

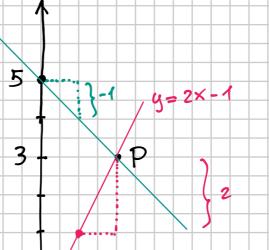
$$\begin{cases} y = 2x - 1 \\ y = -x + 5 \end{cases}$$

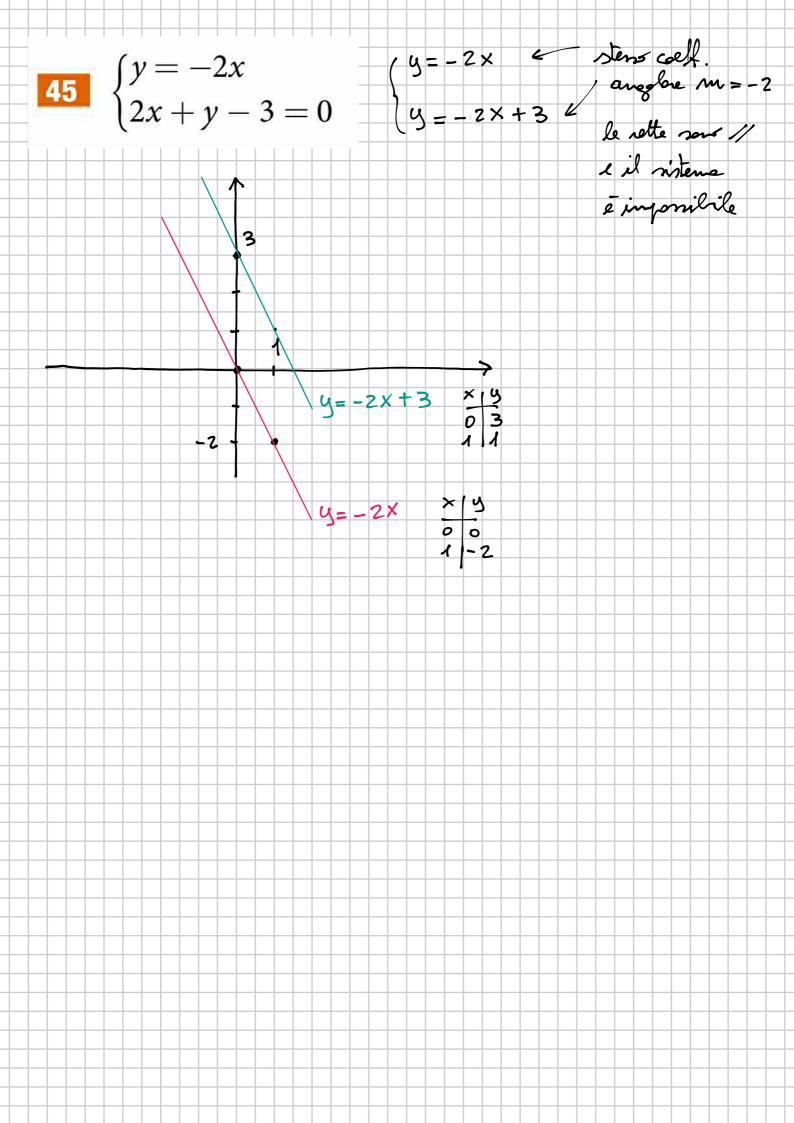
$$\begin{cases} -x+5 = 2x-1 \\ y = -x+5 \end{cases}$$

$$\begin{cases} -3x = -6 \\ y = 3 \end{cases}$$

$$\begin{cases} -3x = -6 \\ y = 3 \end{cases}$$

$$y=2\times-1 \qquad y=-\times+5$$





436 Sommando a un primo numero la metà del secondo si ottiene 1. Sottraendo dalla metà del primo numero il secondo si ottiene 8. Quali sono i due numeri? [4; -6]

$$\int x + \frac{1}{2}y = 1$$

$$\frac{1}{2}x - y = 8$$

 $\frac{5}{2} \times = 10$ 

2×+y = 2

$$\begin{pmatrix}
 2 \\
 \times = 10^{\circ}. \frac{2}{5} = 4 \\
 8 + y = 2$$

$$| y = -6$$

305 
$$\begin{cases} \frac{x-y}{x^2-1} = \frac{1}{x+1} + \frac{2}{x-1} \\ x-1 = y+1 \end{cases} \left[ \left( \frac{1}{3}, -\frac{5}{3} \right) \right]$$

$$\left[\left(\frac{1}{3}, -\frac{5}{3}\right)\right]$$

C.E. × # ±1

$$\frac{x - y}{(x - 1)(x + 1)} = \frac{1}{x + 1} + \frac{2}{x - 1}$$

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

$$(-4) = 1 + 2(4+2)$$
  
 $(x = 4+2)$ 

$$X = -\frac{5}{3} + 2 = \frac{1}{3}$$

$$\left(x-y=x-1+2x+2\right)$$

$$\int -y = 1 + 2y + 4 \quad (-3y = 5)$$

$$\begin{cases} x = \frac{1}{3} \\ y = -\frac{5}{3} \end{cases}$$
 Con C.E.

$$\begin{cases} \frac{1}{x} + \frac{1}{x - y} = \frac{1}{2x^2 - 2xy} \\ \frac{1}{2} \left( x + \frac{7}{6} \right) = \frac{3 - y}{3} \end{cases}$$

$$\begin{pmatrix} \frac{1}{x} + \frac{1}{x - y} = \frac{1}{2x(x - y)} \\ \frac{1}{2}x + \frac{7}{12} = \frac{3 - y}{3}$$

$$(2(x-y) + 2x)$$
 $2 \times (x-y)$ 
 $= 2 \times (x-y)$ 
 $= 2 \times (x-y)$ 

$$6 \times + 7 = 4(3-9)$$
 $= 12$ 

$$2x - 2y + 2x = 1$$
  $4x - 2y = 1$ 

$$6 \times + 4 y = 12 - 7 \qquad 6 \times + 4 y = 5$$

$$1 - 2 = 4 + 10$$

$$4 - 1 = 4 + 10$$

$$X = \frac{D_{\times}}{D} = \frac{14}{28} = \frac{1}{2} \times \frac{1}$$

C.E.

× ‡ 0

 $x \neq y$ 

 $D = \begin{vmatrix} 4 & -2 \\ 6 & 4 \end{vmatrix} = 16 + 12$ 

Dy = 6 5 = 20-6 = 14

309 
$$\begin{cases} \frac{1}{x-y} = \frac{1}{x+y} - \frac{x+y-1}{x^2-y^2} \\ (x-1)^2 + y = (x-2)^2 \end{cases}$$

C.E. x # ± 4

$$(x+y) = x-y-x-y+1$$

$$(x-y)(x+y) = (x-y)(x+y)$$

$$2x+y=3$$

$$(-2)$$
 $\begin{pmatrix} x + 3y = 1 & \begin{pmatrix} -2x - 6y = -2 & \begin{pmatrix} x + 3(-\frac{1}{5}) = 1 \\ 2x + y = 3 & 2x + y = 3 \end{pmatrix}$  $\begin{pmatrix} y = -\frac{1}{5} & y = -\frac{1}{5} \end{pmatrix}$ 

// -5y = 1

$$\begin{cases} x = 1 + \frac{3}{5} = \frac{8}{5} \\ y = -\frac{1}{5} \end{cases} = \frac{8}{5}$$
 \(\chi = \frac{8}{5} \) \(\delta = -\frac{1}{5} \) \(\delta = -\frac{1}{5} \)