# 4,32 P.177

(a) 
$$(2 :-1)$$
  $\frac{3y}{3} = \frac{2x}{3} + \frac{1}{3}$ 

$$\mathcal{D}_{i} \Rightarrow \qquad \beta = \frac{3}{3}x + \frac{1}{3}$$

$$0_2 \Rightarrow y = a_2 x + b_2$$

$$-1 = \frac{2}{3}(2) + b_2$$

$$-\frac{7}{3} = b_2$$

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

$$3 \times + 2y = 2$$

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

$$D_{1}: J = \underbrace{-3}_{\alpha_{1}} \times + \underbrace{1}_{\beta_{1}}$$

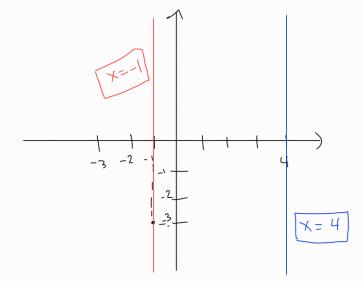
$$Q_2$$
?  $\Rightarrow$   $y = \alpha_2 \times + b_2$ 

$$a_1 \cdot a_2 = \cdot 1$$
  $a_2 = \frac{-1}{a_1} = \frac{2}{3}$ 

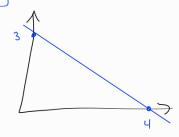
$$\sqrt[4]{\frac{2}{3}} \times + b_2 \Rightarrow (-3;1)$$

$$3 = b_2$$
  $\Longrightarrow$   $D_z y = \frac{2}{3}x + 3$ 

c) 
$$(-1;-3)$$
 et  $x = 4$ 



 $Q = Q_1 = Q_2 = \frac{2}{3} \times$ 



$$\mathcal{L} = \frac{-3}{4} \times +3$$

$$0 = \alpha(4) + 3 \Rightarrow \frac{-3}{4} = \frac{4\alpha}{4} \Rightarrow \alpha = \frac{-3}{4}$$

$$\begin{array}{c} x + y = 100 \\ x - y = 12 \end{array}$$

$$X = 100 - 9$$

100-12=4+4

b) 
$$5x + 10y = 850$$

$$y = 85 - \frac{1}{2}(170 - 2y)$$

## Exercices revisions. PDF

$$\frac{-2}{x}$$

2.a) 
$$3-4 \div 3 \times +2(\times -1) \div 3 + \times$$
 2.d)  $1-9^{\circ} \cdot 3 \times^{-1}$ 

$$1 - 9^{\circ} \cdot 3 \times^{-1}$$

$$1 - 9^{\circ} \cdot \frac{3}{\times^{-1}}$$

$$3 - \frac{4}{3 \times} + \frac{2 \times -2}{3} + \times$$

3.) 
$$(2;-1)$$
  $y=3x^2+K\cdot x-1$ 

$$-1 = 3(2)^2 + K \cdot 2 - 1$$

$$-1 = 12 + 2x - 1$$

$$\frac{-12}{2} = \frac{2 \cdot k}{2}$$

4.a) 
$$\left(\frac{2\times +3}{5\cdot 2}\right)^{2} - \frac{\left(3\times -1\right)^{5}}{2\cdot 5} = \frac{\left(4\times +7\right)^{5}}{2\cdot 5}$$

$$\Psi$$

$$\frac{4x+6}{10} - \frac{15x-5}{10} = \frac{20x+35}{10}$$

$$\mathcal{O}$$

$$\frac{-11\times+1}{10\cdot10} = \frac{20\times+35}{10\cdot10}$$

$$-11\times+1 = 20\times+35$$

$$-11 \times -20 \times = 35 - 1$$

$$\frac{-31}{-31} = \frac{34}{-31}$$

$$X = \frac{-34}{31}$$

$$\#6$$
  $x^2 + y^2 + 8x = 6y$ 

$$\left( x^{2} + \cancel{8} x \right) + \left( y^{2} - 6y \right) = 0$$

$$\left(\frac{8}{2}\right)^2 \quad \left(\frac{6}{2}\right)^2$$

$$(x^2+8x+16-16)+(y^2-6y+9-9)=0$$

$$(x^2 + 8x + 16) + (y^2 - 6y + 9) = 16 + 9$$

$$(x+4)^2 + (y-3)^2 = 25$$

$$(x+4)^{2} + (y-3)^{2} = 5^{2}$$

$$(x-(-4))^2+(y-3)^2$$