$$y = \frac{3-4x}{8x+6}$$

$$D = \left\{ \forall x \in \mathbb{R} : x \neq -\frac{3}{4} \right\}$$

$$D = \left]-\infty; -\frac{3}{4}\right[\cup \left]-\frac{3}{4}; +\infty\right[$$

INT. ASSE y $\left(0; \frac{1}{2}\right)$

INT ASSE X

$$\begin{cases} y = 0 \\ y = \frac{3-4x}{8x+6} = \end{cases}$$

$$\left(\frac{3}{4}; 0\right)$$

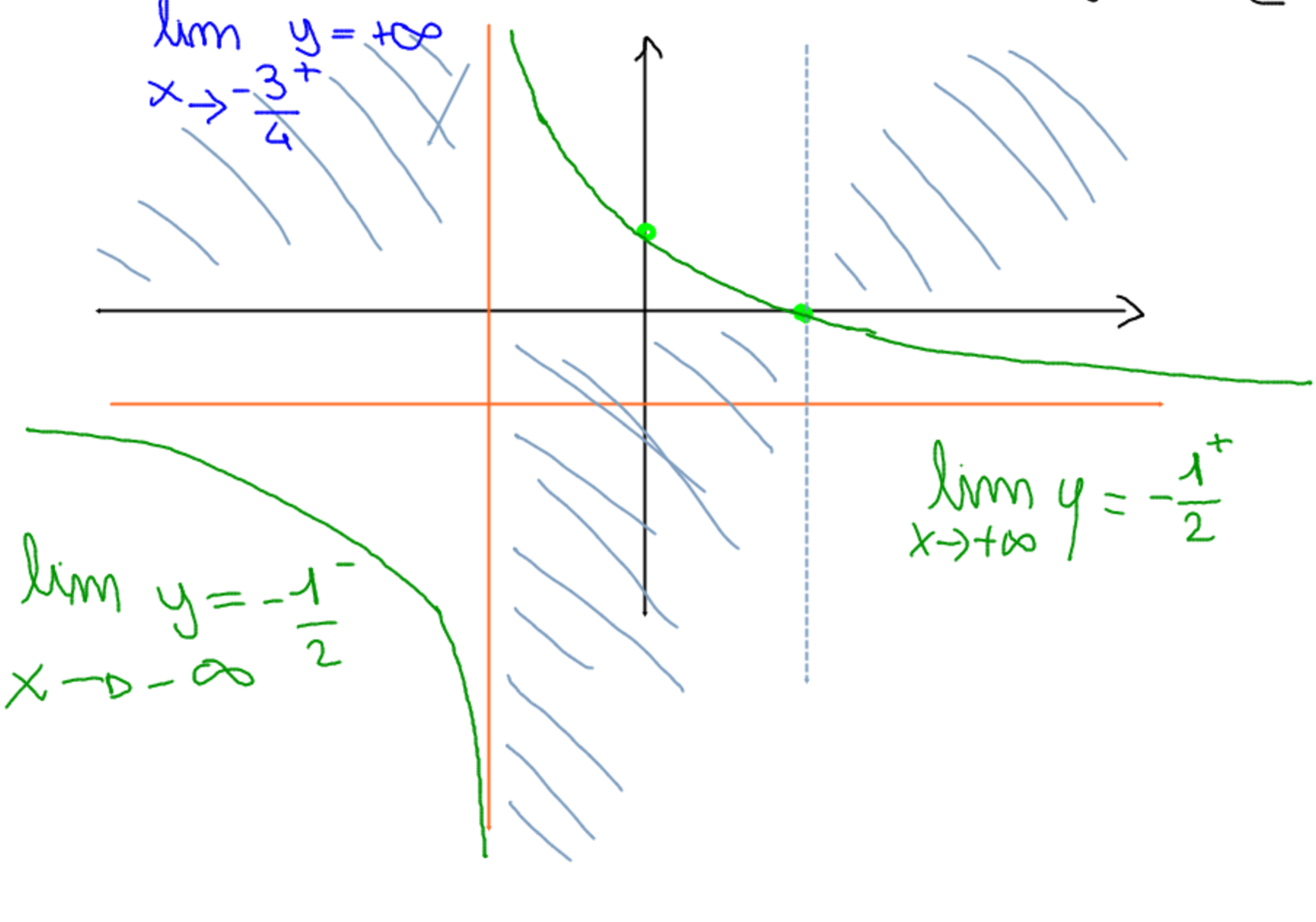
	$-\frac{3}{4}$		$+\frac{3}{4}$	
$3-4x$	+	+	0	−
$8x+6$	−	+	+	+
y	−	+	0	−

AS. VERT $x = -\frac{3}{4}$

$$\lim_{x\to\infty} \frac{3-4x}{8x+6} = \lim_{x\to\infty} \frac{\frac{3}{x} - 4}{8 - \underbrace{\frac{6}{x}}_{\to 0}} = \frac{-4}{8} = -\frac{1}{2}$$

($\frac{3}{x} \to 0$)

ASINTOTO ORIZZONTALE $y = -1/2$



$y = \frac{3-4x}{8x+6}$

x	y
−0,75	−750,5
−0,7501	−7505

$-\frac{3}{4}^-$ ↓ $-\infty$

EVENTUALI INTERSEZIONI CON L'ASINTOTO ORIZZONTALE:

$$\begin{cases} y = \frac{3-4x}{8x+6} \\ y = -\frac{1}{2} \end{cases} \quad \begin{cases} -\frac{1}{2} = \frac{3-4x}{8x+6} \\ \| \end{cases}$$

$$\frac{-4x-3}{2(4x+3)} = \frac{3-4x}{2(4x+3)} \cdot p$$

$-3 = 3$ IMP