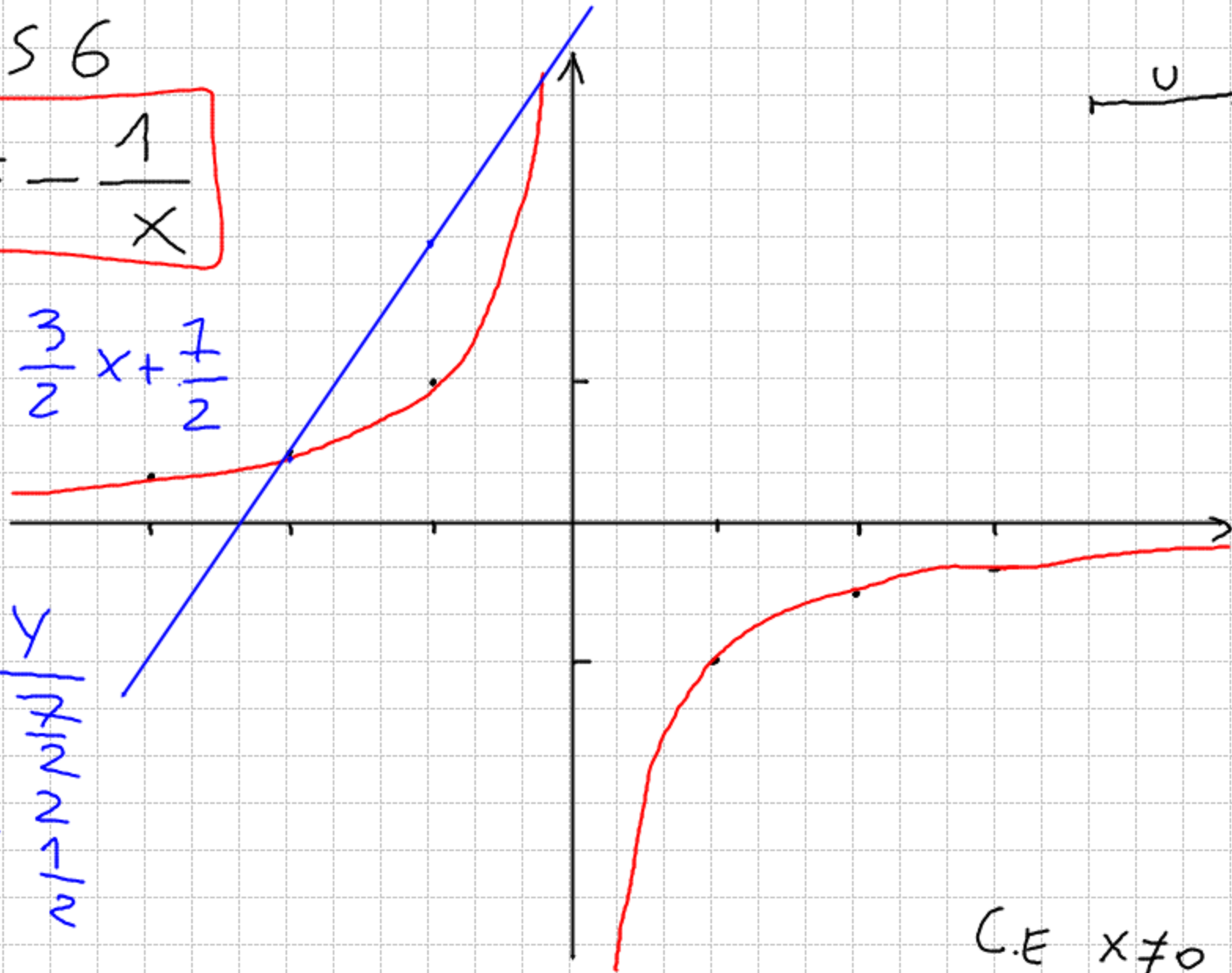


es 6

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

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

x	y
0	Min
-1	2
-2	1



x	y
1	-1
2	-1/2
3	-1/3
4	-1/4
-1	1
-2	1/2
-3	1/3
-4	1/4

C.E.  $x \neq 0$

$$\begin{cases} y = -\frac{1}{x} \\ y = \frac{3}{2}x + \frac{7}{2} \end{cases} \Rightarrow \begin{cases} -\frac{1}{x} = \frac{3}{2}x + \frac{7}{2} \\ \text{idem} \end{cases} \Rightarrow \begin{cases} -\frac{1}{x} - \frac{3}{2}x = \frac{7}{2} \\ \text{idem} \end{cases} \Rightarrow \begin{cases} \frac{-2-3x^2}{2x} = \frac{7x}{2x} \\ \text{idem} \end{cases}$$

$$\begin{cases} -2-3x^2 = 7x \\ \text{idem} \end{cases} \Rightarrow 3x^2 + 7x + 2 = 0 \quad \Delta = 49 - 24 = 25$$

$$x_{1,2} = \frac{-7 \pm 5}{6} = \begin{cases} -\frac{1}{3} \\ -2 \end{cases}$$

$$\begin{cases} x = -\frac{1}{3} \\ y = -\frac{1}{x} \end{cases} \Rightarrow \begin{cases} y = -\frac{1}{-\frac{1}{3}} \\ x = -\frac{1}{3} \end{cases} \Rightarrow \begin{cases} y = 3 \\ x = -\frac{1}{3} \end{cases}$$

$$A\left(-\frac{1}{3}; 3\right)$$

$$\begin{cases} x = -2 \\ y = -\frac{1}{x} \end{cases} \Rightarrow \begin{cases} x = -2 \\ y = -\frac{1}{-2} \end{cases} \Rightarrow \begin{cases} x = -2 \\ y = \frac{1}{2} \end{cases}$$

$$B\left(-2; \frac{1}{2}\right)$$