

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

EQUAZIONE A
COEFFICIENTE
FRAZIONARIO

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

EQUAZIONE
FRAZIONARIA

$$\frac{1}{2} - \frac{x+4}{8} = -\frac{x-4}{4}$$

mcm tra i denominatori = 8

$$8 \cdot \frac{4 - (x+4)}{8} = -\frac{2(x-4)}{8} \quad \cdot 8$$

si annulla il denominatore

$$4 - x - 4 = -2x + 8$$

$$-x + 2x = 8$$

$$x = 8$$

$$\frac{1}{2} - \frac{x+4}{8} = -\frac{x-4}{4}$$

$$\frac{1}{2} - \frac{8+4}{8} = -\frac{8-4}{4}$$

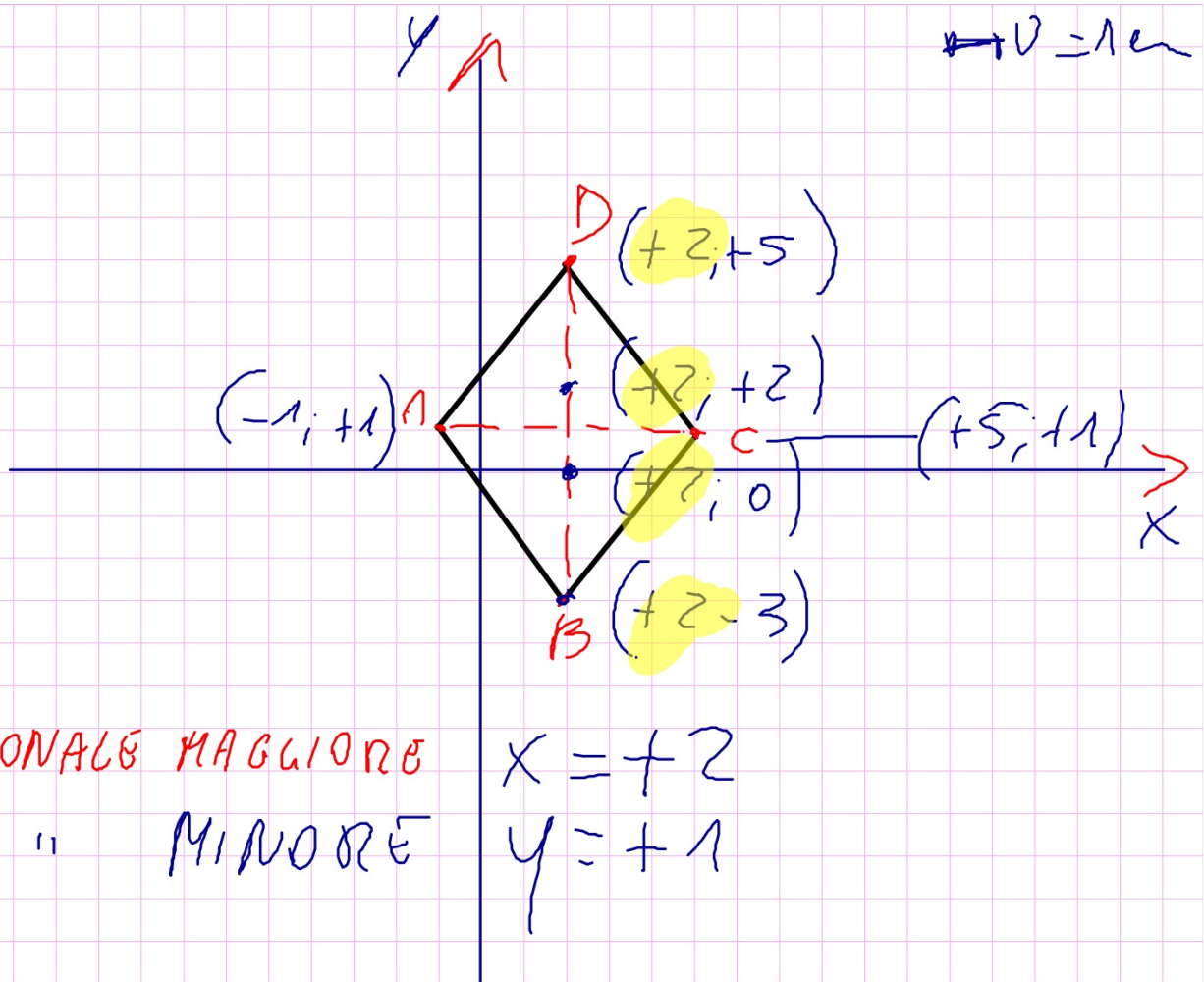
$$\frac{1}{2} - \frac{12}{8} = -\frac{4}{4}$$

$$\frac{1-3}{2} = -1$$

$$-\frac{2}{2} = -1$$

$$\frac{4-(8+4)}{8} = -\frac{4}{4}$$

$$\frac{4-8-4}{8} = -\frac{4}{4}$$

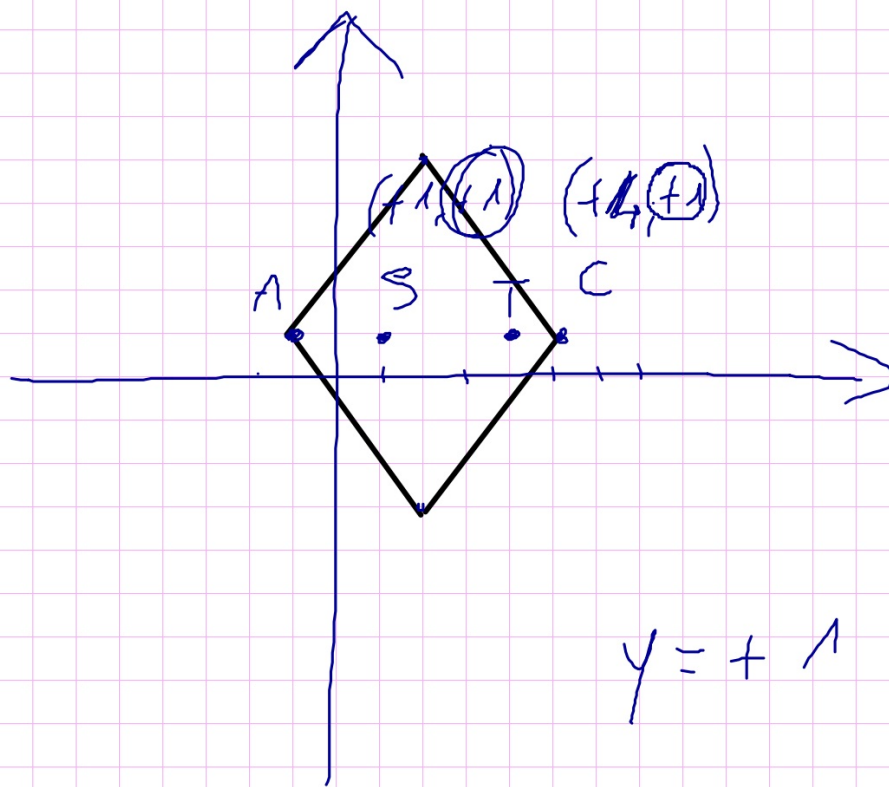


DIAGONALE MAGGIORE

$$x = 2$$

" MINORE

$$y = 1$$



$$y = + 1$$

$$B \begin{pmatrix} +2 & -3 \end{pmatrix}$$

$$C \begin{pmatrix} +5 & +1 \end{pmatrix}$$

$$X_M = \frac{X_B + X_C}{2} = \frac{+2 + 5}{2} = +\frac{7}{2} = +3.5$$

$$Y_M = \frac{Y_B + Y_C}{2} = \frac{-3 + 1}{2} = \frac{-2}{2} = -1$$

$$M \left(+\frac{7}{2}; -1 \right)$$

$$\frac{1}{6} - \frac{4-x}{9} - \frac{2x+1}{3} - \frac{x+2}{2}$$

$$\frac{3-2(4-x)}{18} = \frac{6(2x+1) - 9(x+2)}{18} \cdot 18$$

$$3 - 8 + 2x = 12x + 6 - 9x - 18$$

$$+2x - 12x + 9x = -3 + 8 + 6 - 18$$

$$-1x = -7$$

$$x = +\frac{7}{1}$$

$$\frac{1}{6} - \frac{4-x}{9} - \frac{2x+1}{3} - \frac{x+2}{2}$$

$$\frac{1}{6} - \frac{4-7}{9} - \frac{2 \cdot 7 + 1}{3} - \frac{(+7)+2}{2}$$

$$\frac{1}{6} + \frac{3}{9} - \frac{15}{3} - \frac{9}{2}$$

$$\frac{1+2}{6} = \frac{+10-9}{2}$$

$$+ \frac{1}{2} = + \frac{1}{2}$$