

Questions-1.1.1,1.1.4,1.1.5

$$\mathbf{A} = \begin{pmatrix} 2 \\ -1 \end{pmatrix} \quad (1)$$

$$\mathbf{B} = \begin{pmatrix} 4 \\ 3 \end{pmatrix} \quad (2)$$

$$\mathbf{C} = \begin{pmatrix} 2 \\ 1 \end{pmatrix} \quad (3)$$

parameters	values	description
m	[2,4]	AB
n	[4,-2]	
c	10	
m	[2,-2]	BC
n	[-2 2]	
c	-2	
m	[0,-2]	CA
n	[-2,0]	
c	-4	

TABLE 1: parameters of sides.

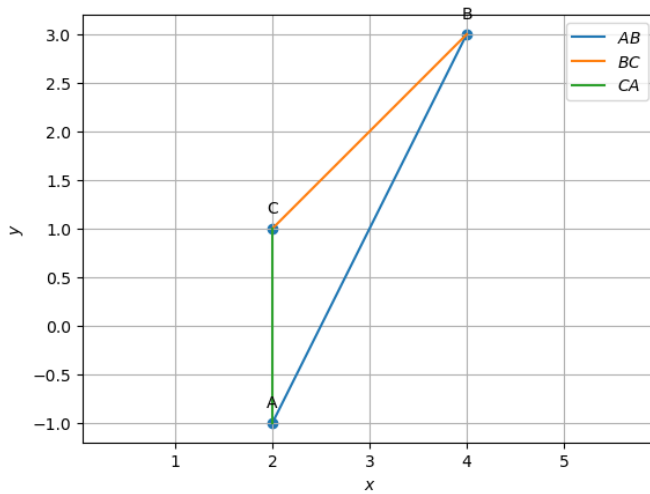


Fig. 1: triangle plotted using python