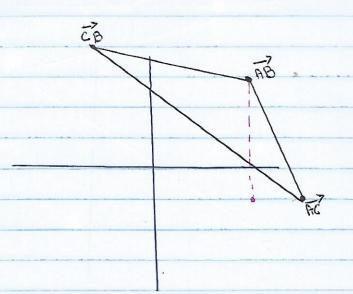
Mariana Carretti Dalfiar

$$J = A = (-2,3)$$
 $B = (3,7)$ $C = (2,-4)$

a)
$$\vec{w} = \vec{A}\vec{B} + 3\vec{A}\vec{C} - 4\vec{C}\vec{B}$$

 $\vec{w} = (5, 2) + 3(6, -7) - 4(-1, +11)$
 $\vec{w} = (5, 4) + (18, -21) - (-4, 44)$
 $\vec{w} = (27, -61)$



Cos I = 1 $\frac{1}{2} = \frac{(2,1-1)(1-1,m+2)}{(2^2+1^2+(-1)^2)(1-1,m+2)}$ $\frac{1}{2} \cdot \sqrt{6} \cdot \sqrt{m^2 + 2m + 6}$ $(JG.Jm^{2}+2m+6)=(-3(1+m))^{2}$ $(.(m^{2}+2m+6)=4(m^{2}+2m+1)$ $3m^{2}+12m+18=2m^{2}+2m+2$ m2 + 8 m + 16 = 0 D= 82-4. 1. (16) 1=64-64 1=0

 $3 - \pi : \alpha - \beta = \frac{1}{12} = \frac{3}{3}$ D: -oc+1= y= 2-2

