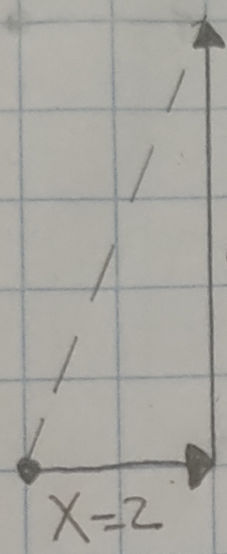
Virgilio Morales.

$P_B = 5,3$

$P_C = -3,2$

$\Sigma F_x = 5 - 3 = 2$ $\quad \Sigma F_y = 3 + 2 = 5$

$= \sqrt{(2)^2 + (5)^2}$ $\quad = \sqrt{4 + 25}$ $\quad = \sqrt{29}$



$\overrightarrow{V_r} = 5.38 /$

$\sum F_x = 4 - 3 - 3 - 3 = -5$

$\sum F_y = 1 + 2 - 3 + 3 = 3$

$= \sqrt{-5^2 + 3^2}$ $= \sqrt{25 + 9}$ $= \sqrt{34}$

$P_B = 4,1$

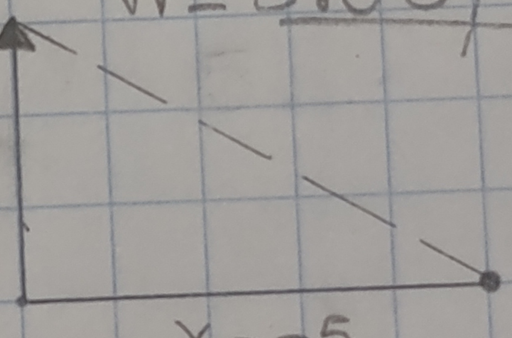
$P_C = -3,2$

$P_D = -3,-3$

$P_E = 0,3$

$P_F = -3,0$

$\overrightarrow{V_r} = 5.83 /$

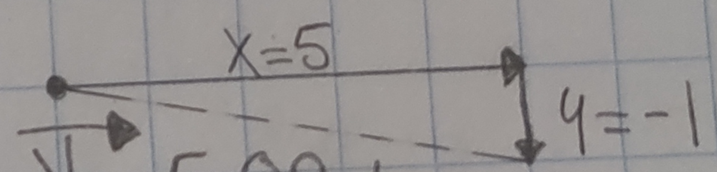


$\sum F_x = 3 + 2 = 5$ $\quad \sum F_y = -2 + 1 = -1$

$= \sqrt{5^2 + (-1)^2}$ $\quad = \sqrt{25 + 1}$ $\quad = \sqrt{26}$

$P_B = 3,-2$

$P_C = 2,1$



$V_r = 5.09 /$

$\sum F_x = 4 - 1 - 6 = -3$ $\quad \sum F_y = 2 - 3 - 1 + 2 = 0$

$= \sqrt{-3^2 + 0^2}$ $\quad = \sqrt{-9}$ $\quad \overrightarrow{V_r} = -3$

$P_B = 4,2$

$P_C = 0,-3$

$P_D = -1,-1$

$P_E = -6,2$