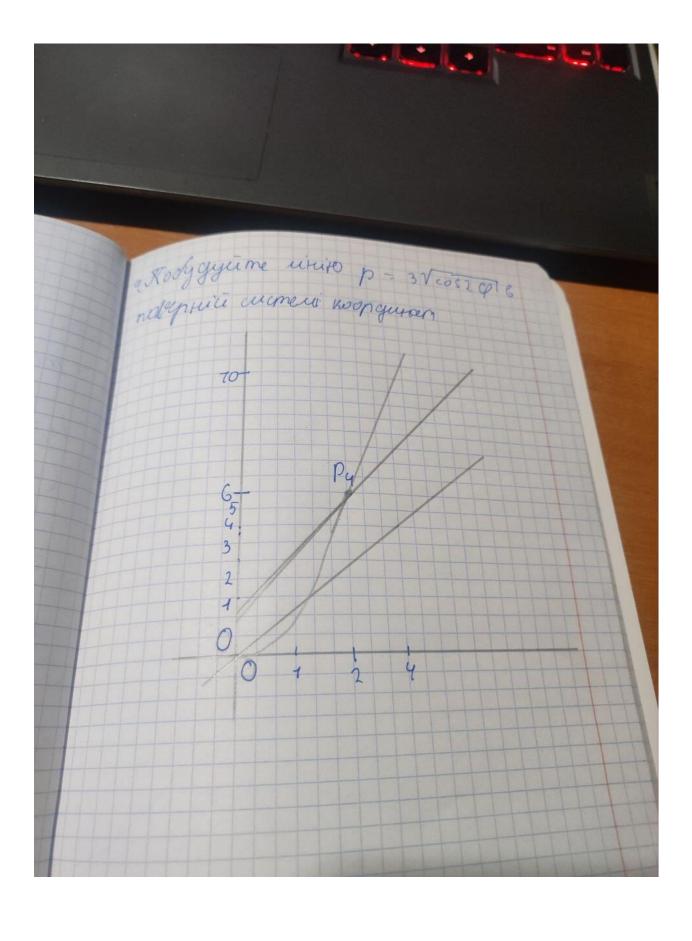
Варіант 2 МКР 1 Виринення вюстентин Значать песку трукутника, що повудовонний на векторах 2 = 3p + 2q ma b= 2p -q мищо 2 = 2 i 19 1 = 6, (piq) — Я  $\vec{a} \cdot \vec{b} = (3p + 2q) \cdot (2p - q) =$ = prod 3p. 2p+3p. (-4)+24.2p+20-6 = # PA S = 7 1 7 P. 41 = = 7.2.6.1=21 Bignobigh. 21

3 haugime morry p' unempury 2. 3 haugime morry p' unempury prayi p(3;6) big hocho ppruvi 1: 4x + 4y + 11 = 0 Bigimanis deig morku P d = [Axo + Byo + C] VA 2 IB27 d= 14.3 +7.6 +14 = 65 = 5657 Bigospancerum mouru P= P'-P-2(P.D).p. P(3,6)-2.(3.4+6.7+14). (4:4)  $= (3,6) - 2(12 + 42 + 11) \cdot (4,7) =$  = (3,6) - 2(4,7) = (3,6) - (8,14)= (3-8,6-14)= (-5,-8) Bignobig6: (-5;-8)

الله المالية izpectigino piuerus mongun, exiti estul travercamo  $11: \begin{cases} \frac{x}{2} - \frac{y+1}{2} = \frac{y+1}{2} = 0 \\ \frac{y+7}{2} = \frac{y-2}{2} = 0 \end{cases}$ y +1 = Z-2 => y +1=0=7 y=1  $\frac{z-2}{-2} = -1 = 7z - 2 = 2 = 7z = 4$ repenuer 1 = (0; -1; 4)

1. 59 = 5 3 X = -17 } = 5 x = -17 - moreka repreparing 12 = (-1,5,2) (A, B, C) = (-1, 0, -2) . (-1, 0, 1) = (2, -1, 0) 2x -y=0 x = 1 y =0 28-9-0 Bignobigs. Pibloutex mongrue operentes to make i repres money to make i napalente ischer harperenten, = 2x - y = 0



5. 3 Hairgime requemperto mergy more bigamaneri glosi garus more F, (5;0) F, (5;0) e between the pibes B 2 cnoció. Bibround elinca: C= 4, 2a = 10; a = 5  $b^2 = c^2 - \alpha^2 = 16 - 9 = 7$ Bignobigo:  $x^2 + y^2 = 1$