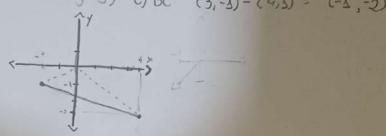
Liste - Porte 1 - Vetores

Liste - Porte 1 - Vetores $A \subset \{1,2\}, B \subset \{3,-4\}, C \subset \{4,4\}$ $A \subset \{2,3\}, B \subset \{3,-4\}, C \subset \{4,4\}$ $A \subset \{3,2\}, B \subset \{3,0,5\}, A \subset \{3,2\}, B \subset \{2,0\}, C \subset \{3,-4\}, C \subset \{3,-4\}, C \subset \{4,5\}, C \subset \{4,5\},$



c) AB=CD AB=D-C - O=-C-AB=D) P=C+AB D=(4,2)+(4,3)=(8,-2)

2) $a_1 - 2 = 13$ $\sqrt{a^2 + (-2)^2} = 13$ $a^2 + 9 = 9$ a = 15 b(2) - 9(a + 1) = 161 $2^2 + (-4)^2 + (a + 3)^2 = 161^2$ $1 + 16 + (a + 1)^2 = 36$ $a + 3)^2 = 16 = 6$ a + 3 = 16 = 6 a + 3 = 16 = 6a + 3 = 16 = 6 c) $(a_1 \pm 1) = |\pm 1|$ $a_2^2 + \frac{1}{4} = 1$ $a_1^2 + \frac{1}{4} = 1$ $a_1^2 + \frac{1}{4} = 1$ $a_1^2 + \frac{1}{4} = 1$ $a_2^2 + \frac{1}{4} = 1$

d) AB.
$$V(3-\alpha)^2 + (3-3)^2$$

 $V(4-\alpha)^2 + 66$
AB = AC
 $V(3-\alpha)^2 + 16 = A^2 + 9$
 $V(3-\alpha)^2 + 16 = A^2 + 16$
 $V(3-\alpha)^2 + 16 = A^2 + 16$
 $V(3-\alpha)^2 + 16 = A^2 + 16$
 $V(3-\alpha)^2 + 16 =$

3)
$$\vec{v} = 2i - 3j - k \cdot \vec{v} = i - j + 4k$$
 $\vec{v} = 3j - k \cdot \vec{v} = i - j + 4k$
 $\vec{v} = 3j - k \cdot (-i + j - 4k)$
 $\vec{v} = 6j - 2k \cdot (-i + j - 4k)$
 $\vec{v} = 6j - 2k \cdot (-i + j - 4k)$
 $\vec{v} = 3j - k \cdot (-i - 2j - 4k)$
 $\vec{v} = 3j - k \cdot (-i - 2j - 3k) - (-i + j - 4k)$
 $\vec{v} = 3j - k \cdot (-i - 2j - 5k) - (-i - 2j - 5k) - (-i - 2j - 5k) - (-i - 2j - 2j)$
 $\vec{v} = 3j - k \cdot (-i - 2j - 3k) - (-2i - 2j - 4k - 4i + 6j + 2k)$
 $\vec{v} = 3j - k \cdot (-2i + 2j + 4k - 4i + 6j + 2k)$
 $\vec{v} = 3j - k \cdot (-2i + 2j + 4k - 4i + 6j + 2k)$
 $\vec{v} = 3j - k \cdot (-2i + 2j + 6k)$

BC= (Co-5)2+(2-5)2

AE= ((a-0)21(2-5)2

= 102+9

$$5) \circ) Cos0=\overrightarrow{0}.\overrightarrow{V} = \underbrace{(3.721)(-9.2.72)}_{\sqrt{12}+(-2)^2+\underline{1}^2} - \underbrace{\sqrt{(-9.2.72)}(-9.2.72)}_{\sqrt{(-9.2.72)}} = \underbrace{-4-4-2}_{\sqrt{(-9.2.72)}} = \underbrace{-4-4-2}_{\sqrt{(-9.2$$

b) A= [1] [1] . Sen 60°

A= 12.13 = 6.13

A=4-8-13