12 A(-1, Z) B=(Z, -Z) son dus vertices cartiguios de un rectargo la de áver 50m² Obtenga las cordendas de sus otros vertices y dibuje con sideando que el sistema esta en m AB = a = (3, -4)9 = (4, 3) 19 = 14 = 56-44+6372 - 5 5022 1/4 /2 -> 50m2 - 12 - 10m2 12 = 74 = 2 (3,4) => (8,6) (8,6) = (x+1, y-7) = 0 (8,6) = (x+1, y-7) = 0 (8,6) = (x+1, y-7) = 0 (8,6) = (x+1, y-7) = 0C = (7, 0)(g) = (x-2, y +7) = > 8 = x - 2 = 10 6 = y + 2 = 4 0 - (10,4)

Z=Objenya Cl	I valu de h para lo	s vectores	$a: (2-\frac{16}{5})$) y 6 (23 k)
Considera	que en cada caso			
	=/e/os o -97 -25			
6) Perpudial				
C) Farmer un	ángub de 30° 6° 1.1	79		
9) 9=rle	3			
(Z, -16))=r(Z3 , K)			
Z = / Z	3 / = 20.			
$\frac{-16}{5} = v k$				
-16 5 = K =	-16(73) -,-368 > 5(20) -)100	50	75	
2 3	= (-x(-1\frac{5}{5}), \pi(2))			
3				->)
	232(-16)-	16(10)		16 //
C) cos 300 = 3	ā.6 - 0.866 =	23 _ 1615 10 s	-) 4.6_	3.2 K _ V5.3;1K2
770		3.77*J(2)2+K2	316	
5.3+K= 7.06	6 _ 2.87 K + K2			
5.3-2.06= 2	.8714			
3.24 = K =)	1.129			
C.87				

3º Deterni	ne el j	ector de	e magnit	vd 10	qse es	pe Pena	diver a	
rt = (3î								
11-11=5	274	= 6 h +	8 ~					
211771=10								
4- Dados	los real-	, s V =	-32-3 ₁	y u	= 3,1-4,1	ha 1he	Le proyec	ciá
4º Dados								
Pray u	v. ū_/	₁₇ \ _ 3	$-(\bar{q}) = -$	9 -	17,			
	7,4126	w1 - 5		25 2	5 /			
V. W = (-9)	412)=3							
11411 - 5326	4 ² = 5							
50 Olo teny	10 el Ua	lus de l	Vactor -	x tol a	re amp	la an	14 = Wacilá	_
_ 3_ 172	= 56+37	ć						
Considere	9= (1,-	3,5)						
	6-10-7	<u>,-</u> 4)						
-3 (1,-3, 9	5) 47 ₂ =	5/0,-7,	-1) + 3-					
(-3,9,-15)) - / 0,-10	, - 5) = 5	χ					
(-3,19,-10								

6º Ob Fenga CI		tct (acc	do Cpira	nide) Luxa	s verti	tes son	R/60	0) a)
AB= 9= (6,0	0,0)						B(6,0, c(0,0, D(3,2,	0)
AR= = = (6,0 AC= 6 = 60,0 AD= = 63,	7,0)						0(3,2,	7)
	6 6	0						
1 a (bxi)=	6 9	0 =	6/63	1 = 63.3	_/			
			~ (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$=63y^{3}$				
	3 2	7						
	l							
<u> </u>			/					

7º Dalos a -(1, ay, 4) o lokerya ax x by tamazle en cum ka
$b = (2, b_y, 3)$ $q \times 16 = (10, 5, -5)$
$\frac{1}{9}$ $\frac{1}$
z by 3 3ay - 4by = 10 3ay - 4by = 10 - zay + by = -5 4 - zay + by = -5
1/y-Zy=5 (2ay 16y=3)4
-8au + 1/8u = -70
-5ay = -16 $-2(z) + by5$
$\frac{6y}{4} = \frac{7}{4} + \frac{1}{6}y = \frac{5}{4}$
by = -1,
8 = (05 portos A = (63, 58, -5) B = (15, 18, -9) y (= (39, 10, -21)
a) Sel trangulo es rectangulo
lo) El area de este
AB=a=(-48,-40,-4) 1,a,1=coss
$AB = a = (-48, -40, -4)$ $ _{1\bar{q},1} = c_{8}/5$ $A\bar{c} = b = (-24, -48, -16)$ $ _{1\bar{b},1} = 5c$ $B\bar{c} = \bar{c} = (24, -8, -17)$ $ _{1\bar{c},1} = 28$
5, es rectangulo
1/61) + 1/10/17 - 1/6/17
$567787 = (79\sqrt{5})$
3970 23970