28 4 Bagara 1 Maismu cos year LABC, ecun A(5, 2, 7) B(2,0,4) u C(-2,-5,0) The meoperale korresyrob unall makel borpancesul. 1 AC2 = AB2+BC2 - 2ABBC COS Q D = J(+a-xe)2+(ya-y6)2+(Za-Ze)2 / - uenalogyi my apopulyuy Kascagude AB = JE BC = JST AC = JUT Погнавичен канучення числа в выражимие payroren yrobserve, Remala en cost-1 Engara 2 Уписновымь образуют и 2 (-5;0,-4) в (2,-1,-4) « E(2,-3,0) Sague na sunscense been benторов, Eleta all osposyem sogue => sure bernopa не минейно завишими. Давайто покания дио. 5de+2d2-24=0 -25d2+40d2-8d2=0 =>d2=0; d=0; d50
Danosano!

Найни координаный вектора 2 (4,5) в ба Bagara 3 quel e (1,1) u de(-2,-1) (4,3) = 4(1,1) + de (-2,-1) (=> (4,3)=(1d1,1d1)+(-2d2,-1d2) = (1d, -2d2, 1d, -1d2) 4=12,-222 3=12,-122 => 2,=2 2=1 Sagara 4 Вычилить скандриой произведений векторов à (-4,-5) u 8(2,-4), gogoettesse 6 baque q u et eau [ei]=3 [e,]=4 u 2[e, ei]=1 (a, b) = (-4e, - 5e2) (2e, -4 e) = -8 e12+6(e, e2)+ +20/e2/2= -8+6.3 .4 . 5 +20 = 298,91 Bagara 5 Haime 11/8 (-32+8), ecle (2) = 452, 18-2 4(a, 8) = 1 Mp2(-3a+8) = Mp2(-3a) + Mp3(8) = Mp3(-5a) + BF = -3/02/05/4+/0]= -3,45,5=+2=-10

2 Dupegedunes nun remograsopratoriera ABCH, elda A(3,-3,-1) B(4,-4,-2), C(4,-1,-5) D(3,0,-9) To populyel gueen omperker nalytuk (de) 400 AB = BC = CB = AB = 018 cos q = (xa x8 x(3a ye)(2a 26) Dut bres mojeoge lat. 181 halyeum coso=0 => suro kbogram' Danse Bekmappe à 4 B: 12 = 3, 18 = 3, L(a, 8) = 4, Becaucaum | [-a + 38, -40 + 38] [-a, -4a+38]+[38,-4a+38]= =[-a, -4a]+[-a, 3B]+[3B, -4a]+[3B,3B]= = 42a, a] -32a, B] +121a, B] +928, B] = = |9 [a, 8] = 9 · 9 · # = 57, 2756 493

Kongame moverg D, maryo, uno ora Bagara 7 version na Securinque yeur LASC, ecu A(1,0,2) B(-1,0,2) C(2,-1,1) |AB|=2 |BC=MI| |AC|=J3 $\frac{Ab}{AC} = \frac{BA}{BA+BC} = \frac{2}{2+dC}$ d = 2 AD = (d, -d, -d) 1) = AD+A = (d+1, -d, -d+2) = = (1,37618, -0,376179, 1,62382)