

a. WE KNOW INGI TING SOUND IS COMINING TROM IND NOVINMESTALN

PAVE OF GUNA PANEZ.

b. THINKING about it lugically, the SIMMUL LAUNT (+INST and B SUCUND. MERYFUND, IT MUST GE NYAV the civily drawn on the graph.

C. LUUCING at the difference of arrival beingen cana B, MA KUAM LUG & ANGRAI & LAKN WILL PA & CHANA (AXLENANTIELL MURRAMONIAI

1(y-1)2+(x-0)2 = 1(y-0)2+(x+0.5)2-0.39 = Additional Aistance 1(4-132 + X2 = 142+(X+0.5) - 0.39 MANNE BY. (1481)(2.635 x 10-4) = 0.39 MUAN ANN ERIOR ERRA A ARE

y = -4x+2.394+110.4874x+5.3437x+2.93348

6.7832

WHEN YOU GVAPH THIS YELL GET THIS.

D. SOVI OF LIKE CIBULYOU NEGO TO SUF : ENDITAND TO MOTELL A YN

N=-4X+1.396+ 110-6874 X2+5.343717.93348 1(4-1)2+42 = 141+(x-0.6)2-1.04

If you grain this, you find the (M+ 448 4(+14M, WNICM 15 (-3-5,4).

A FULLY DWILL

E. IN GVAGE TO GO THIS WITH PROGRAMMING, I WUNIE FLIST 96+ the time as 3 divisies. Then I would find the minimum time (in inis case, it was print c s. Then, I would find THE TIME difference batwarn we minimum and the other CNINTEMOS OD DINOW I, FLAN LULY NOVI, NONI SAMILLONI similar to the steps arove.