Insular Baneson Banesona parama an 10.10 211.

Jagara 28 13.

House a ya-e gla a) 7k. no you kee & = at; y = at (1-5t), no we never a nephron of -a court a y replace of -a court a y replace of -a court a y replace of the graph of the normal a normal of the sort paramater of the y-at (1-5t).

So to proper ye 74; 1) Actions of all the normal normal of the sort paramater and y a court of the sort of the sort of the y-at (1-5t).

Leve y-at (1-5t)

Oa, b > 0 - court

б) споросии V - интовенная споросии: ropoeme V - unnu bennan enopoeme:

1) Cropoeme V:  $V_x = \frac{dx}{dt} = a$ 1) Cropoeme V:  $V_x = \frac{dx}{dt} = a$ 1) Torge b bennopmon from V(b) = (a, a + 2bt)2) Yenopemue  $a: a_x = dt = 0$   $a_y = dt = -2ab$ . Torge b bennopmon opopme: a + b = 0Then mengy besumpanen oup no eneg formyre:  $\frac{\vec{V} \cdot \vec{a}}{\vec{a}} = \frac{\vec{v} \cdot \vec{a}}{\vec{v} \cdot \vec{a}}, \quad \text{are cos} \theta = \vec{v} \cdot \vec{a}.$ 1. Hangeur V. a. V. a = V2 ax + Vy ay = 0+a(1-266) (-2a6) = - 2a 6 (1-266). 2. Hangen |V| e |a|: |V| = VV2+ Vy2 = 1/a2+ a2(1-266)2 = a V + (18-266)2 1et = Vax + ag = Vo + (-2ab)2 = 2ab 3. Togomal & hope gove yours: - 2018 (1-26t) x (1+ (1+26t) 2 2ab - (1-26t) V-1-(1-28t)= V2; 2/1-26452 = 1+ (1-284)2 (4-26t) = 1; 71-28t=1 = 5=6 1-28t=-1 = 6=6 Ouben. a) y=x(1-12); 5) ban. dapue: V(t) = Var(1-26t)2 () to = 1/15