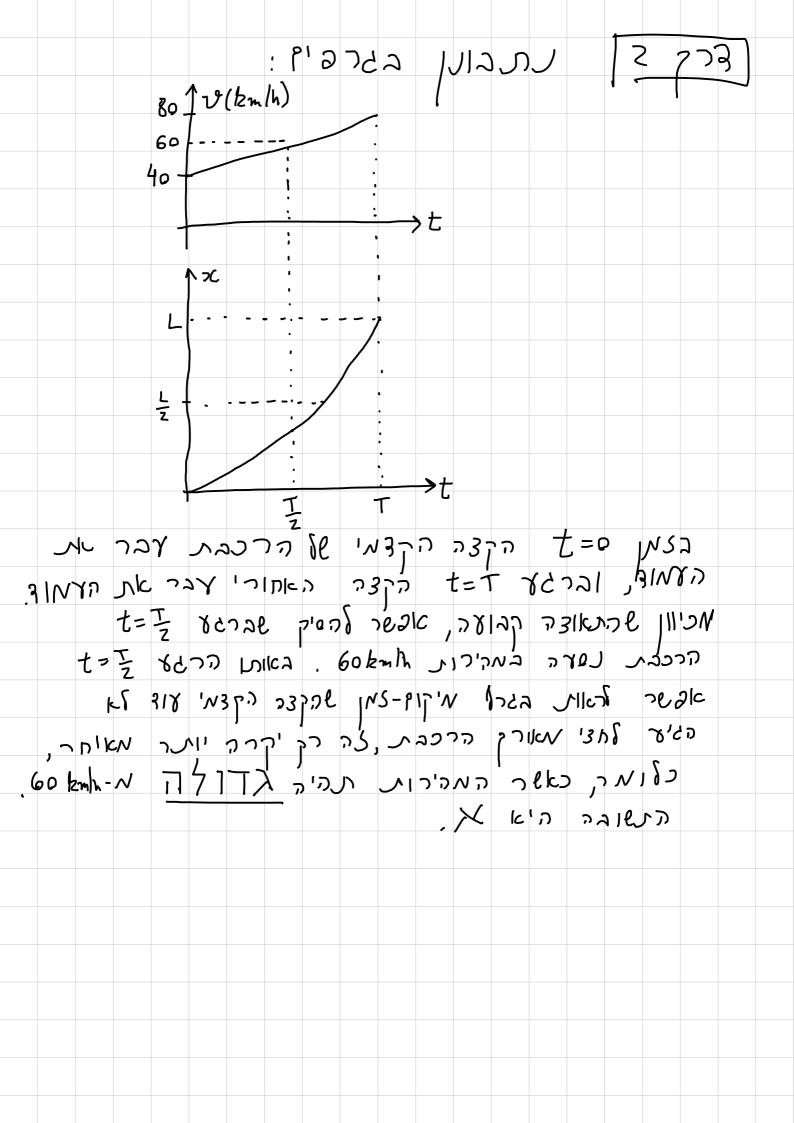
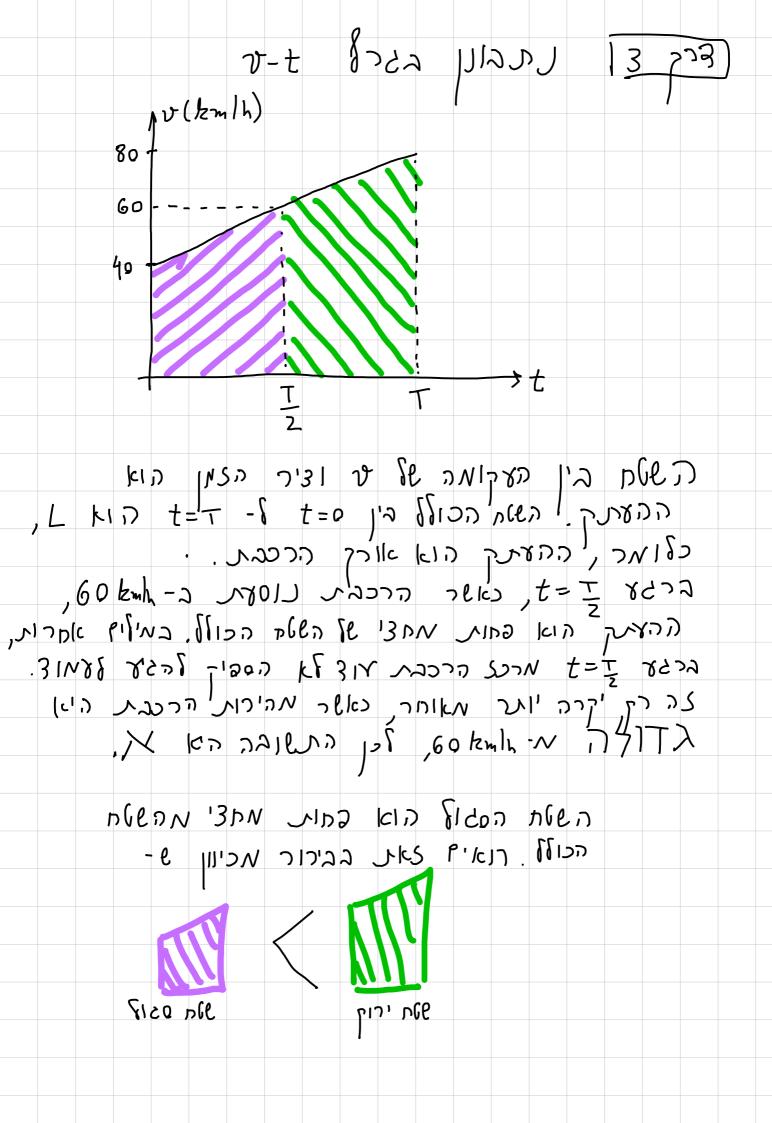
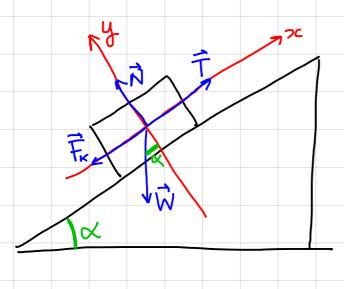


```
rid gerl crose Eccil
(km) אורך הרכהת (km)
       7 = 40 /m/h
        Vc = 80 km/h
        VB = 7
        \alpha = 7
                       Clarve crode
         V= V= + 2a/x
  12= L : C-J A P'23NS ON"NJ P317
       V_c^2 = V_A^2 + 2aL
         2aL = v_c^2 - v_A^2
            \Delta = V_c^2 - V_A^2 = 80^2 - 40^2 = 2400
     Dx = L/2 : B-1 A P'23NS ON"NJ 1'esx
            V_B^2 = V_A^2 + 2aL = 80^2 + 2400 L
            Ve = 4000
                VB = 63 km/h
                    X 6,2 221622 129
```







$$V = 0.2 \text{ m/s}$$
 $M = 9000 \text{ kg}$
 $X = T = 30^{\circ}$
 $M = 0.4$
 $X = 400 \text{ N}$

Wx yr >>>C

$$W_{x} = W \sin x$$
 $W_{y} = W \cos x$

$$\overrightarrow{N} = -W_{x}\widehat{\lambda} - W_{y}\widehat{j}$$

$$\overrightarrow{N} = N\widehat{j}$$

$$\overrightarrow{T} = T\widehat{\lambda}$$

$$\overrightarrow{F_{k}} = -F_{k}\widehat{\lambda}$$

$$\vec{F}^{\text{NET}} = \vec{W} + \vec{N} + \vec{T} + \vec{F_{K}} = m \vec{A} = 0$$

$$\hat{L}_{D} V_{D} V_{D}$$

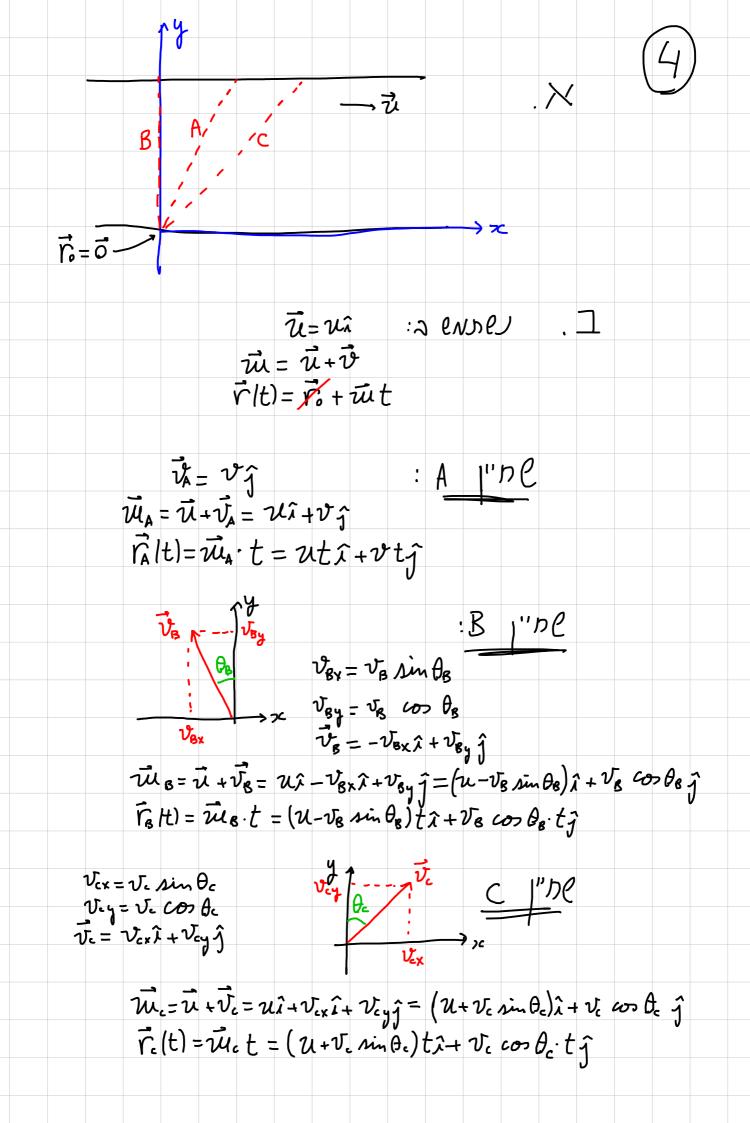
(1)
$$-W_{x} + T - F_{k} = 0$$
 : x 7'3
(2) $-W_{y} + N = 0$: y 7'3

$$\alpha = \frac{T - mg}{m} \left(\frac{\sin x + \mu_{K} \cos x}{m} \right) \qquad \mu_{K} = 0.3$$

$$\alpha = 0.85 \text{ m/s}^{2}$$

$$v(t) = v_{0} + at$$

$$v(2) = 0.2 + 0.85 z = 1.3 \text{ m/s}$$



הענוצה בציר א הלע תלויה הענוצה בציר ץ . יציע ראטון צה שיש זו המהירות הגבותה בינת בציר ץ: Way = V cos Og Way = V cos Og Way = V cos O. P' 7'0N | JDJC, cosθe < 1 } - e | | 11'3N cosθe < 1 } Jeko Bisi A lives