

$$\begin{array}{lll}
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$$M_{1} = M_{2} = 10_{12}g$$

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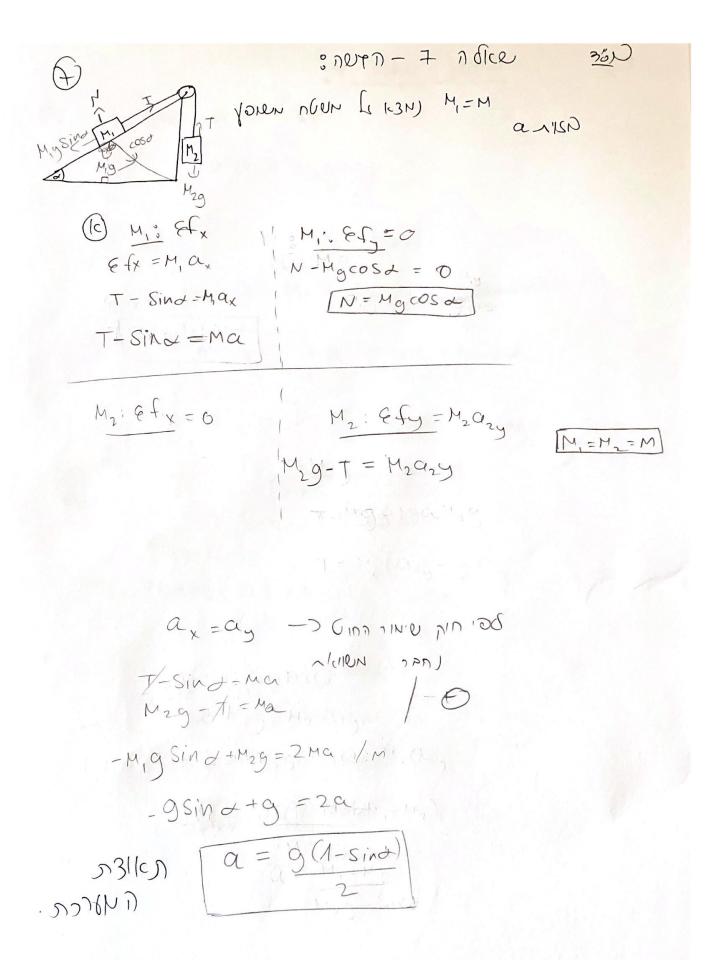
$$M_{3}$$

$$M_{4}$$

$$M_{5}$$

$$M_{7}$$

$$M$$



:4 aske gena

261

915 415 MO.NI T: (3)

$$T = M_2g - M_2q$$

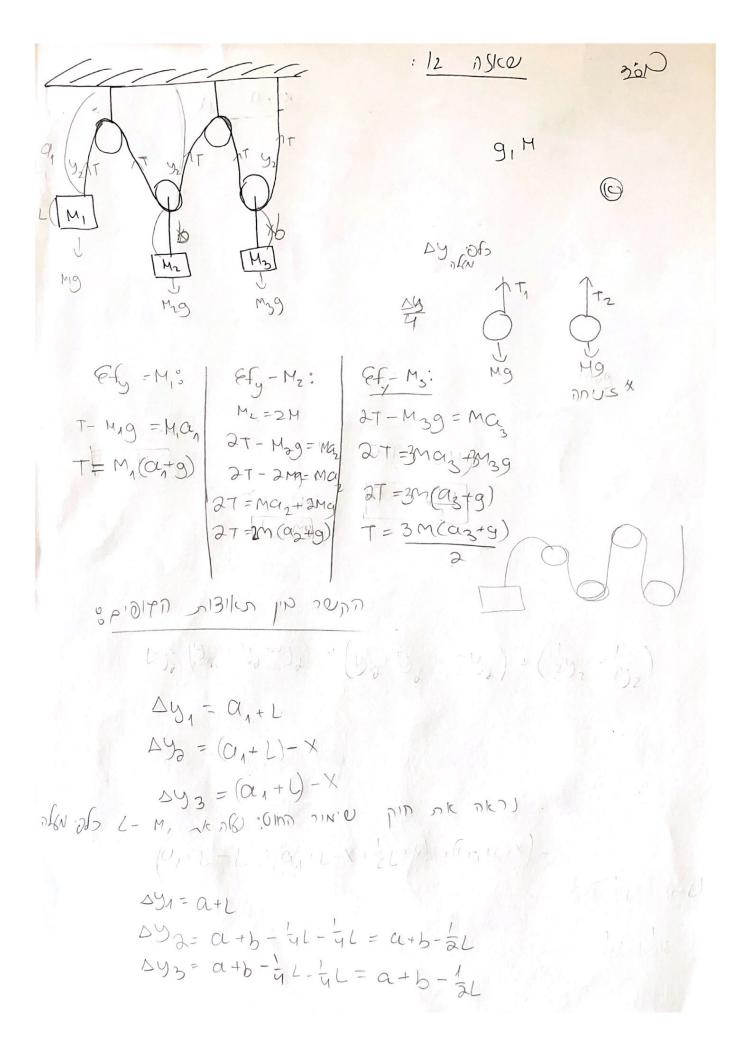
$$T = \frac{2}{Mg - Mg + Mg sind}$$

$$T = \frac{Mg + NSiNd}{2} = \frac{Mg(1 + SiNd)}{2}$$

 $T = \frac{Mg(1-\sin \theta)}{2}$

$$\begin{cases}
6f_{y=0} \\
6f_{=1}M_{1}+M_{2}(a) = M_{2}g-M_{1}g\sin a \\
0 \approx 3^{1/2}
\end{cases}$$

Efg=0: Y 440 7 nsher TEND T=M29
T=MSind
T=MSind



$$V_1 = V$$

$$V_2 = -\frac{1}{2}V$$

$$Q_1 = a$$

$$Q_2 = -\frac{1}{2}a$$

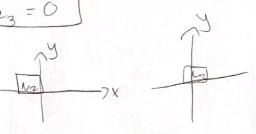
$$V_3 = -\frac{1}{2}V$$

$$Q_3 = -\frac{1}{2}a$$

$$q_1 = -2\alpha_2$$

$$\frac{-2\alpha_3=\alpha}{y} = \frac{1}{\alpha_1-2\alpha_2-2\alpha_3=0}$$

$$\frac{M_1}{x} \rightarrow x$$



$$Ma_1 + g = t$$
 $2Ma_2 + g$

maz+18=m, a,+Mg

$$M\alpha_2 = M\alpha_2 / m$$

$$\alpha_2 = \alpha_1$$

$$3m(a_3+g) = 2m(a_3+g)$$

 $2a_2-2(\frac{2a_2-9}{3}) = 3ma_3+3mg = 2ma_2+2mg$
 $2a_2-4a_2+2g = 0$
 $3m(a_3+g) = 2ma_2+2mg$
 $3m(a_3+g) = 2ma_2+2mg$
 $3m(a_3+g) = 2ma_2+2mg$

$$-3a_{2} - 4a_{2} + 29 = 0/3$$

$$-3a_{3} - 4a_{2} + 29 = 0/3$$

$$-3a_{3} - 3a_{3} = 3a_{2} - 3a_{3}$$

$$-3a_{3} = 3a_{2} - 3a_{3}$$

$$3a_{3} = 3a_{2} - 9$$

$$a_{1} = a_{2} = 29$$

$$a_{3} = 2a_{2} - 3a_{3}$$

9= 2 = 3 - 9 - 4

$$g = 2\alpha_2 - 3\alpha_3$$
 $3\alpha_3 = 3\alpha_2 - 9$
 $0_3 = 2\alpha_2 - 9$