NA_PROB-CNHTK 4000 11 70 km = 19,444 m 20mm= 12005	Ud 60 km 16,667 m/s Vo = 0 m/s
11 70 km = 19,444 m 20mm = 12005 h = 19,444 m = 20mm = 12005 $x_F = x_{0+1} \cdot C$ ; $x_F = 0 + 19,444.1200 = x_{2} = 23332.18m$	Ud 60 km 16,667 m/s Vo = 0 m/s (1)
Xp = X0+1. 6; Xp = 0+19, 444.1200 = X2=23332.8m	IINUA VF= lotat XF = Xot Vot+1at
21	16,667=0+0,1.t-t=166,6675
12 min = 720s 250m	
Mau X==X0+V:t= 250=0+V.720	12/ Vo=0 m/s = a = 20 m/s2 t=155
2] 12 m/n = 720s 250m Meu XF = X0+V t, 250 = 0 + V.720 V= 0,347 m/s	MRUA VF=Votat X==Xo+Vot+{ati
3) 120 km - 36 111 m 20 st - 30000	1 xp=0+0-15+ 1 20.152 = 2250m
h 5 20/3 KM 2005 W	141 Vozomis a=2011/2 t=155
$\frac{31}{h} 130 \frac{km}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{2000} = 2000 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{2000} = 2000 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{km}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{m}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{m}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{m}{s} = 20500 \frac{m}{s}$ $\frac{130 \frac{km}{h}}{h} = 36,111 \frac{m}{s} \qquad 20,5 \frac{m}{s} = 20500 \frac{m}{s}$	MAUN VF=Votat XF=Xo+Vot+ Late
t= 567,694s	VF20+ 20.15= 200 mg
MADADON = 8 km = 2,222 m/s 20500 m	1/3 90 km = 25 m/s t=55
MRU XF=X0+UC; 20500=0+2,222.t t=9225,9235	MRUA Vp=Votat Xp=Xo+Vot+Lat2
6=9225,9235	$25=0+6.5 \Rightarrow a=5m/s^2$
5	
51 20 m/s 150 m HRUA VF = Vo+at YF = Yo+ Vot+ 1 at <sup>2</sup>	14 90 km = 25M15 t=55
$V_p = V_0 + at$ $Y_p = Y_0 + V_0 t + \frac{1}{2} at$	MANA VE=Votat Xp=Xs+Vot+Lat2
$0 = 20 + a \cdot t$ $150 = 0 + 20t + \frac{1}{2}at^{2}$ $a = \frac{-20}{t} - 4$	25=0+4.5-> az Sm/s2
450 = 0 + 200 + 200   0	
$150 = 20t + \frac{1}{2} \left( \frac{-20}{6} \right) t^2 t = 155$	X=0+0+1 5-52=62,5m
$a = -1.333  \text{m/s}^2$	15/ Vo=0m/s t=105 20m 40km - 14,14
6) Vo=0 m/s t=30s VF= 588 m/s	MAUA Ve=Votat X==Xot Votalat2
MRUA VF=Vo+at XF=Yo+Vot+1 at	1 2020+0.10+1a.102-3a=0,4m/s
588:0+a-30-az 19,6 m	Lo 11,111 = 0+0,4.t- t=27,7785
	16 a=30 n/sc 2min=120s
71 Vozomls t=305 Vz = 588m6	MANA Vp=Votat Xp=Xo+Vot+{at2
a= 19,6 m/s -> CALCULION PROB. 6	1 XF = 0+0.120+1 30.1202 = 216000m 216 Km
YF= 0+0.30+1 19,6.302 = 8820m	
	17 EL ESTACIO REGIRATAS EN 165 IMINISTOS SE CALLIS EN EL PROBLEMA 16-216000 m
81 t=25s x=400m V==0m/s	
MANA NE=Votat Xe=Xot Vot+ Lat2	AHONA CALCULO SU VE ALS ZMIN.
0= Vo + a.25 -> Vo = -25.a = 32 m/s	1 VF = 0+30.120 = 3600 M/s A MARTA DE. 2 MIGOTOS LLEVA UN MA
	DUVANTE 118min = 7080
400 = Vo.25 + 2 a 252	XF = X6+ V.t = 216000 + 3600.7080
400 = Vo.25 + 2 a 25° 400 = -25.25 a + 2 a 25° a = -428 m/s²	$X_{\rm F} = 25704000  m$
9) HECHO ENECS	





