)	Problemas toma 1:
	1) Proceedor A: 1,2 ados/proce ((PT), 26H2 (F) Proceedor B: 1,5 ados/proce ((PT), 36H2 (F)
	a) $t_{cA} = \frac{1}{1209 \text{ min A}} = \frac{1}{2.109 \text{ Hz}} = \frac{1}{5.10^{-10} \text{ s}} = \frac{1}{609} = \frac{1}{3.109} = \frac{1}{$
0	b) $P = program = ejecuta 2.10^6 inst. dinamics .) Teng = N(N^2 inst) \times (PE \times Te) Texe A = 2 - 10^6 inst \times 1.2 = \frac{ciclis}{1000} \times 5.10^{-16} s = 11.2 \cdot 10^{-3} s Texe B = 2.10^6 inst \times 1.5 = 1.5 = 1.3 \cdot 10^{-3} s$
	c) teal= 1s, N= inst? text - N= inst x (PF x TC) $15 = N = inst \times 1,5 \text{ cides} \times \frac{1}{3.10^9} \times \frac{1}{1.5} \times \frac{3.10^9}{1.5} = 12.10^9 \text{ instructioner}$
M@ MIGUELPIUS	d) proc A escura \times 25% + regards gar Proc B =) $\frac{1}{1 \times 10^{4}} = 0.83 = 1$ tere A = 0.83 =) $\frac{1}{1.33 \cdot 10^{9}} = 1.25$ tere A = 0.83 =) $\frac{1}{1.33 \cdot 10^{9}} = 1.25$
	e) ion r A, ion r B conficulto 4 Byte: 4 Byte . 1,33.109 ion = 15,33.109 Byte
0	2) Fax 1: (DIN) 106 inst , (Stat) 106 instr , ((Pt) 2 aday , (DIN a tem) 166 mstr. Fax 2: 109 mst , 106 instr , 3 aday , 1009 instr Fax 3: 104 inst , 106 instr , 9 aday , 1009 instr
	a) tere = 10° × 2 + 10° · 3 + 10° · 9 = 175) 1.10°
2	N de instruccione, dimension Apera al de acceso a Minoria c) ten fan 3 = $\frac{10^{7} \cdot 4}{1.0^{9}} = 145$ tene fan 1 = $\frac{44}{1.0^{9}} = 1.25$ tene fan 2 = $\frac{4}{1.27} = 13.25$ tene fan 3 = $\frac{4}{1.27} = 13.25$ tene fan 3 = $\frac{4}{1.27} = 13.25$ tene fan 3 = $\frac{4}{1.27} = 13.25$ tene fan 4 = $\frac{2}{1.29} = 1.129$ Span $u_{g} = \frac{7}{6.25} = 1.129$ The second of $\frac{7}{6.2} = 1.129$





