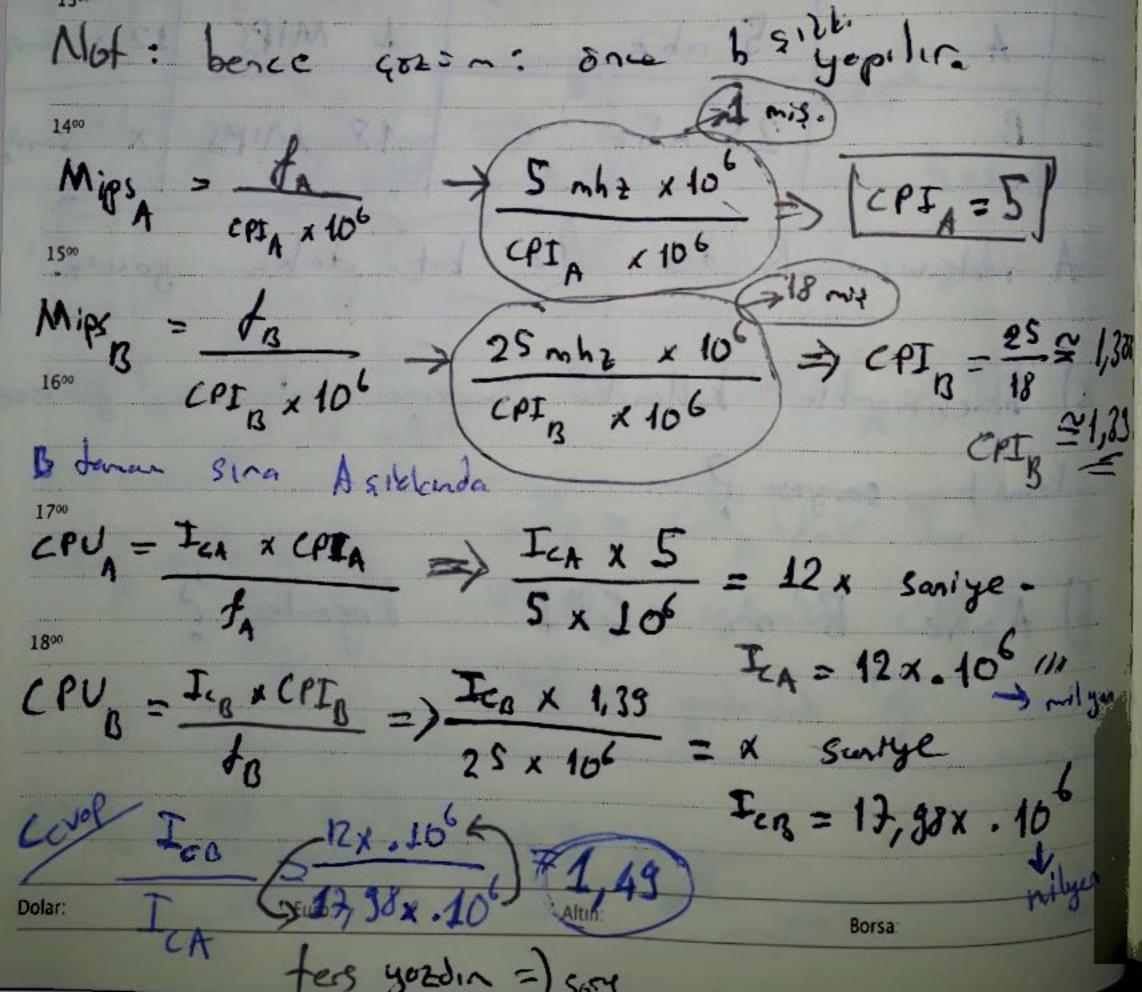
6 8 9 10 11 12 13 14 7 15 16 17 18 19 20 21 8 22 23 24 25 26 27 28	Февр
Bilgiseyar Minerisi	
0900	Tize x Tib
Coci	
100 Her ikiside. 200 mhz	Stock hizinda brigger it foots.
komut setime saling,	iki ferkli makine. Jusum
berch mortin somular.	
	1 -0
1200 Instruction Type	Instruction Count Enilions) Instruction
Muchine A	/// / # / A / / / / / / / / / / / / / /
Anitnotik and logic	8 / / / 1
Load and stone	4 4 3
Branch	2 4
Othersian Commencer Commen	3
Machine B	1//////////////////////////////////////
180 Aritmatik and Logic	- 2 14
Las oil chare	8
17 P	
15ranc h	40
189 Others	4 1
a) hor makine igh	CPI, MIPS, execution time.
l escplu	
He son-glore your !	y w
Euro	Altın: Borsa:

Saturday
Cy66ora
Cy66ora CPI := instruction count OPCPI, = \(\Si CPI; \times I; \rightarrow\) I; = Cycle Por instruction In the second s · (8+4+2+4) - 106 - milyon CPIAS 2.22 CPI => f= MHZ x106 14MJPS = f * CPIA = yukarıda hesopladığını

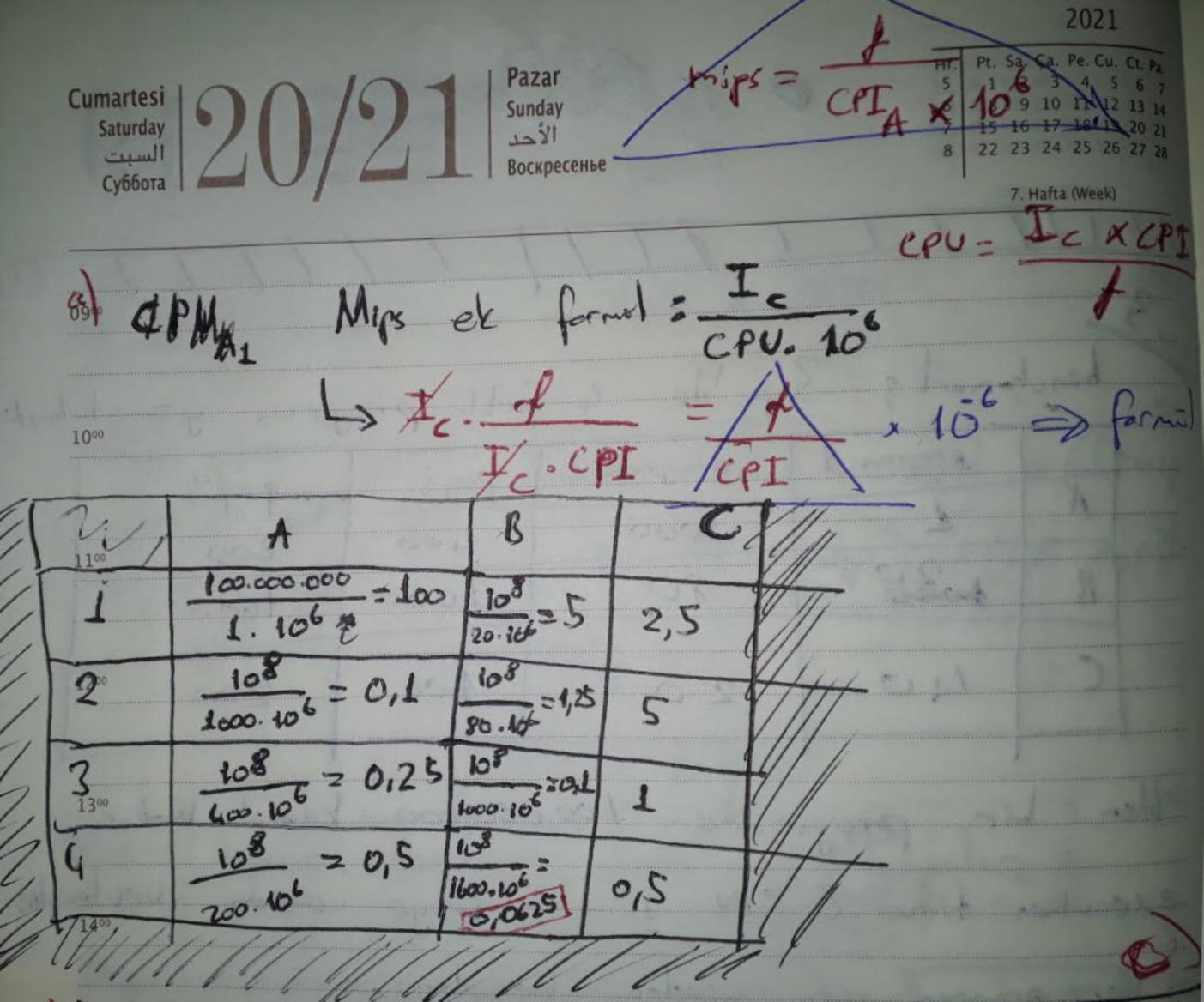
106 = formolder geldi sabil. MIPCA = 30 · Ic = CPIAldali Ic. CPU = IC X CPIA * CPIA = yskurdaki CPIA of = yutaridabl of = 0.2 Saniye 200 EUX 106

Dolar

7. Hafta (Week) OGJONUM: MI	PSI a bojost oba	anoline of	cpv Cpv
1000	m kullunnistir		1711
Benchmark &	Clock Fre quency	Poformance	CPUTIO
1300 A	5 mh ²	T WIPS	X Sunt
1500 A makinesi	B'den (12 k		you of.
180) benchmarkt	e bollanda mal	eine kod uns	gorea
kont say	PISI ?	Jegerleri ?	
b) A ve B			1 1 1 1



beach mark ; 3 polde 4 ferti, program yorabhatin program 1 Program 2 prog3 1 2000 80 .. 7000 1600 1300 Her bor programda Lov.000.000 komit vardir. execution time (CPU zemon) soninge chanden verlande a) Her program i Gin mippled hesoplayin.



Robin 2 Bilgisayar minarisi Gorus 1300 "4-Way set-associative" on bellek, 16 baytlik saturlara ve toplom 16k boyt boyt schiptir.
128 M bayt 11k and belligin formati? 16 k bogt / 16 bogt = 1024 satir vardis b) 128 M boyt bellet igh 27-bittle 256 colot set worder.

Werder.

Werder.

Werder.

Werder.

Werder. e) the bellet 128 m bayt / 16 byte = 23 blokton down Sot -> (8) b:+ a) Sot + tag 23 b:t

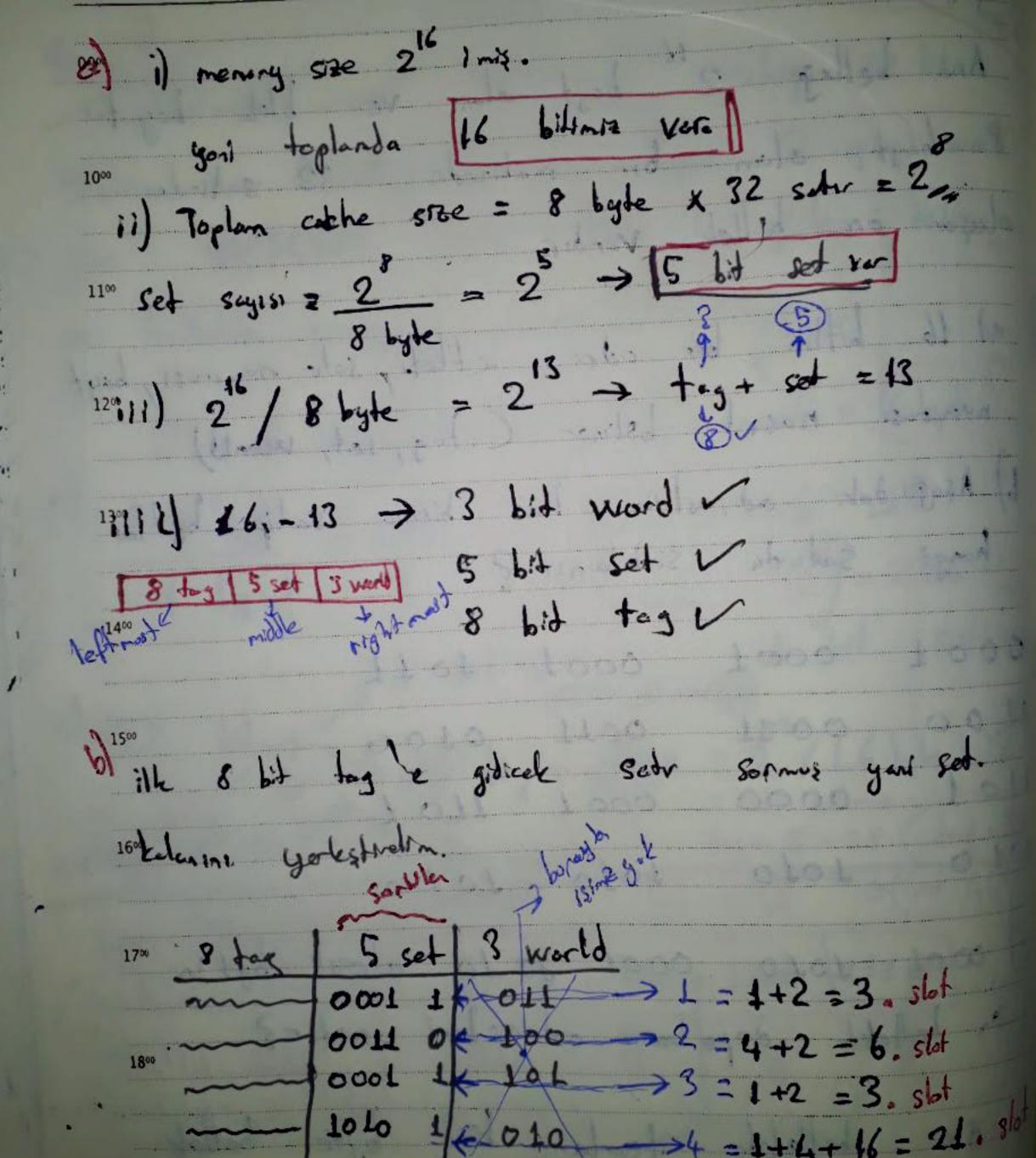
Dolar: tag -> 23 - (8) = 15 bit e)

Borsa:

World -> 27 - 23 = :4 b:t b)

Jour-Hay-asso" 16k-byt sahip 32 bit 10 iglenci var. Enbellegin sotv boyst 2 quad word ise 9AC75S8E bellek konsmina gelen keline on bellekte nereye yorkest.? 230 de 2 qual world -> 4 double world = 16 byte a) 300 16 k boot = 1024 b) 1024 = 256 set 32 to 32 to 320 bit 120 bit 1700 bit 17 170 3 A C 7 5 0101 9 1000 1110 1 1800 161 lik talen 5 karokter 5 & Dolar: Euro: Borsa

Kna bellegi 2 bayt olan ve blok boyet 18 best clan bir makinede 32 satirda olupar on bellek vardir. a) 16 bitlik bor adres. etiketi, sahr numerasi, bayt numerous nasil bolonor (tog, set, world) b) Asagidati adreslerin her birine salip by flor Saturda Saklanir? hang? 0001 1011 0001 0001 0011 0011 0106 1100 1101 0000 0001 1101 1010 1010 1010 1010 0001 10 10 adresti bytin c) 0001 1010 on bellette depolmen adres lers nodir? 1) on bellette toplan kan byte Saklana bilar ?



Sorvnen cevob. igin ceche kismi yoni tog+set degla menelivir, world degisebiler 1-9=8 Set=5 0001 1010 0001 1000

[0001 1010 0001 1 010 main den word = 1000 0001) 1111 e' kodar avodom. ii) dimi d'a siktinin cevaplis.

-P byte x 32 softer = 2³, 2⁵ = 2⁵ = 256 bytes

cuche size