Eache = 2 kB

= 9×1024

= 2048

Blocks = 2048/8×4 = 64

on = 64

27 = 26

32 bytes / block

check	index calc el	eache States	D ession
16	16/32 = 0	0-70-31	m
	0.1.64 = 0		Joold Te
19	19/32 = 0.1.64 = 0	dound at o	H
4097	4097 /32=1281.64=0	0 -> 4096 -> 4127	M-W
9008	4098132=1281.64=0	o lobnoot	Honeix
7	7/32=01.64=0	0-)0-31	M
30	30 /32 = 0 · / · 67 = 0	tound at o	H
2098	2098/32 = 065/64=	1-7 2080 - 2111	m
736	196132 = 37.64 = 3	3 -> 96 -> 127	m

miss nate = 
$$\frac{6}{8}$$
  
= 0.626  
= 62.6-1.



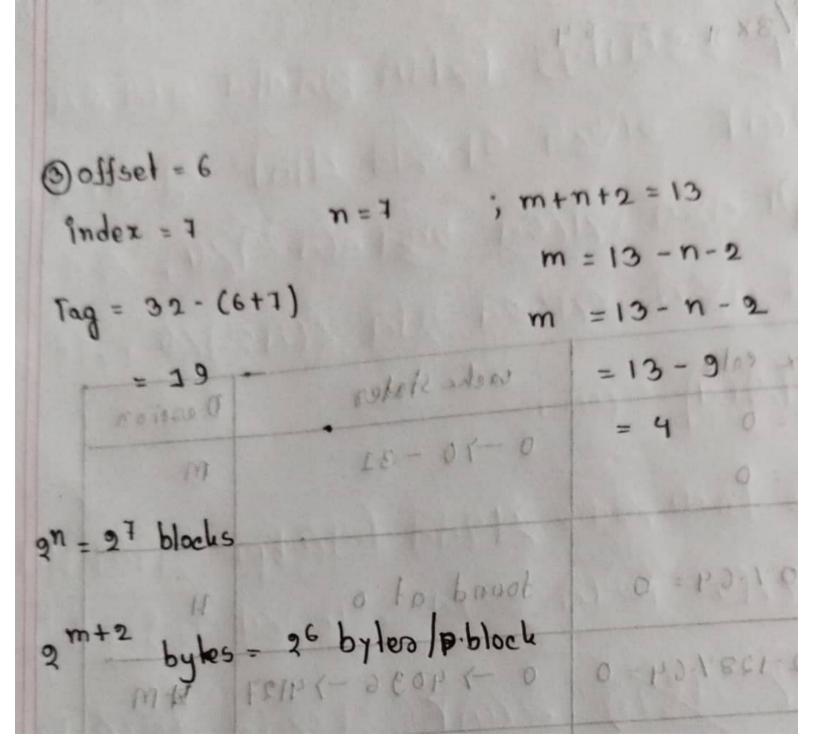
# <u>2048</u> = 128

26 bytes/block

check	Index	Cache 5	Descion F
16		070 - 150	(sma) de did ils
	0.1.138=0		7 90, X 30
19	19/16 = 1	16-31 2-)16-31	m
* 1990	1.1.158=1	2 -> 16 - 31	
Feop	4097/16 = 266	0-4096	m
	2861.128=0	4111	
8004	4098/16=256	o to punot	17 H + m) - 10
	286 1.128 = 0		
7 —	7 1.16 = 0	tound -	m
	0 1.128=0	0-0-16	
30	30/16=1	found at 1	H
			*
126	126/16=7	77/12 -127	PM
90.00	7 1. 128 = 9		
2098	2098/16=131	3-2096-2	m m
	131-1.128 = 3		

miss reade = = 0.76





G 
$$\frac{2\pi c \times 1024}{8 \times 2^3}$$
 = 40 46 block 5 =  $2^{12}$  =  $2^n$   $n = 12$ 

64 byles/block =  $2^c$   $m + 3 = 6$   $m = 3$ 

Tag =  $92 - (n + m + 3)$  =  $32 - (12 + 6)$  =  $32 - 18$  =  $24$ 

Aetual size =  $2^{12} \left( 2^4 + \left( 32 - (m + n + 3) + 1 \right) \right)$