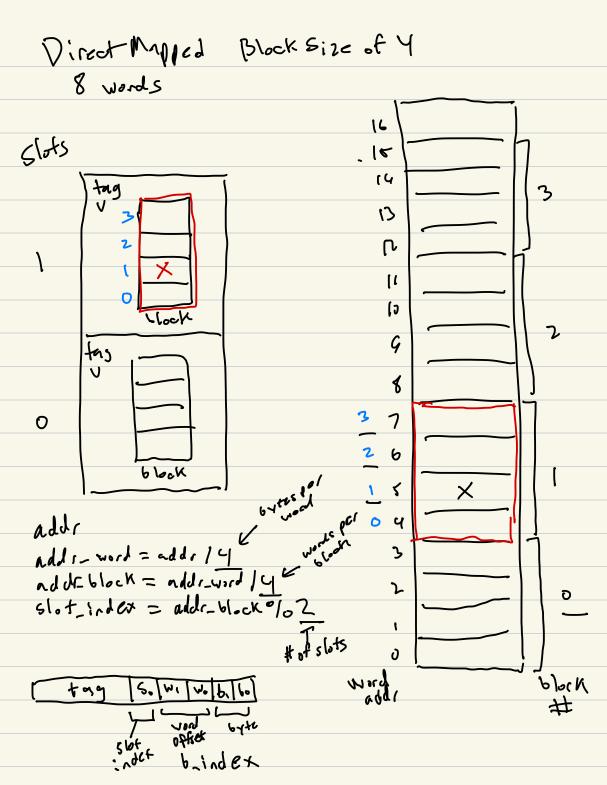
CS 315-02 Project 04 Miltern Cache Pired Mapped 1 word per slot (block size is 1) 8 word cache MCMOCY 18 Slots 11 65 12 11 la 2 5/01 5 addr. index 4 addi-word = addi/4 addi Slot_index = add_word %08 2 tos 50 50 60 60 slot_index = (add1 >>2) & 06111;



slot-index = (addr >>4) & Obl

Hit

Slot-index is Slot to look at

Loak at unlid bit

and tags

b-index = add-vord % 4

b-index = (addr >> 2) & O

dostar = slot. block [b-index];

Miss New to being in entire block

Determine the block-base

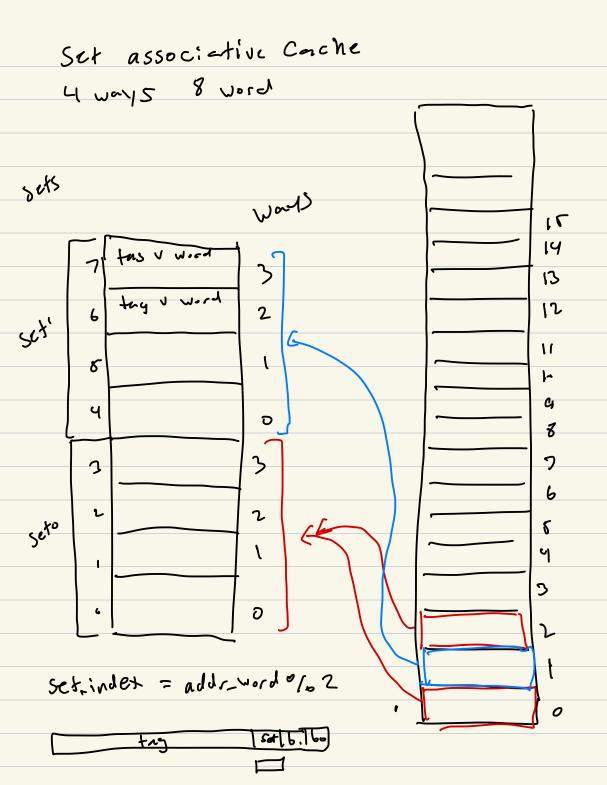
block-base = addr-vord - b-index)

block-base-byte = block-base * 4

return Slot- block (b-index)

Slot. block(i) = *((vin32-k*) (block.hasebyte+i*4))

Slot. block(i) = *((vin32-k*) bloch-berce-byte)+i)



Lookup

set-base = set-index * 4

