# Simplified Cache Demo

For summation of 2D array

#### 2D Array

1	2	3	4		
5	6	7	8		
9	10	11	12		
13	14	15	16		

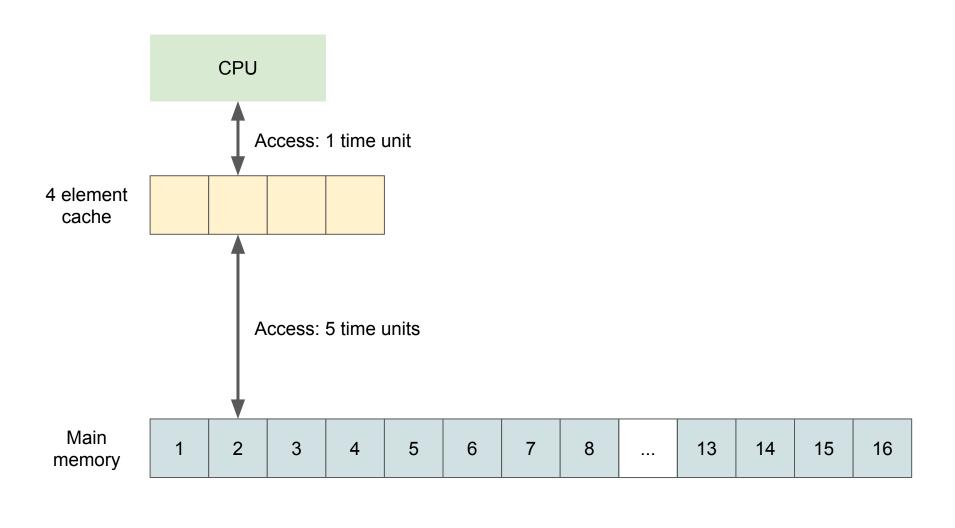
#### 2D Array

1	2	3	4
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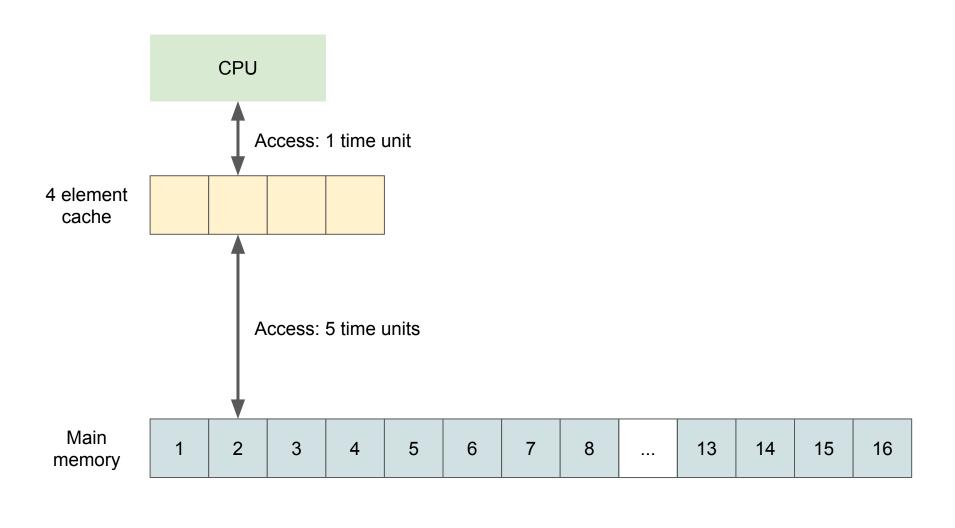
Representation in linear memory (row-major format)

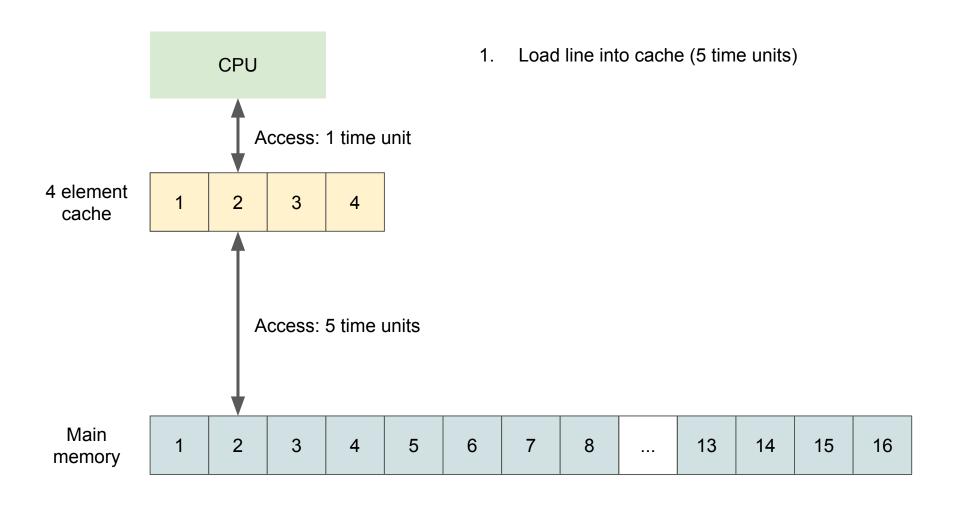
1	2	3	4	5	6	7	8		13	14	15	16
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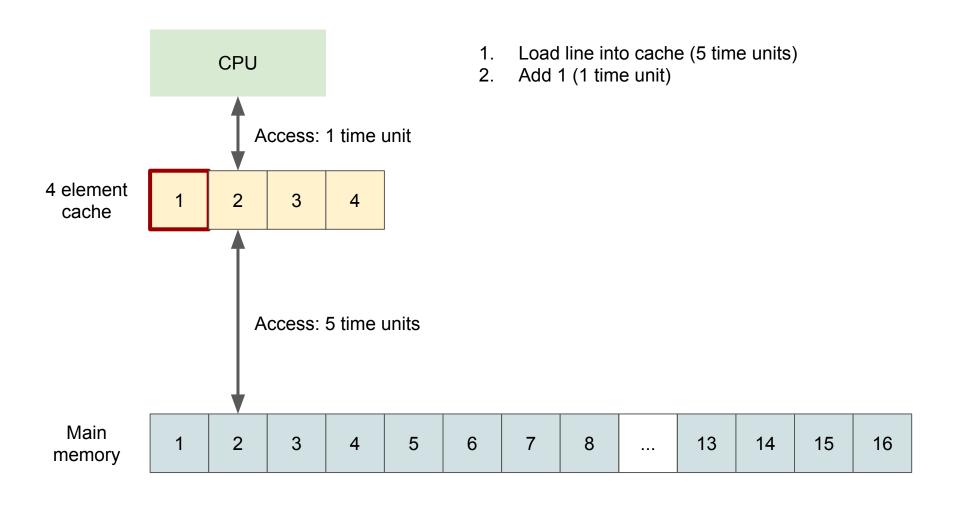
(low address) (high address)

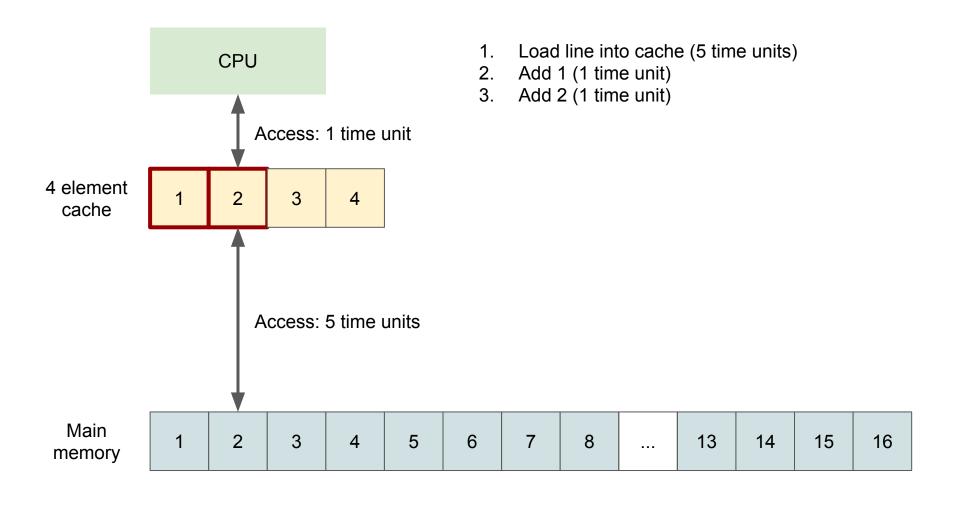


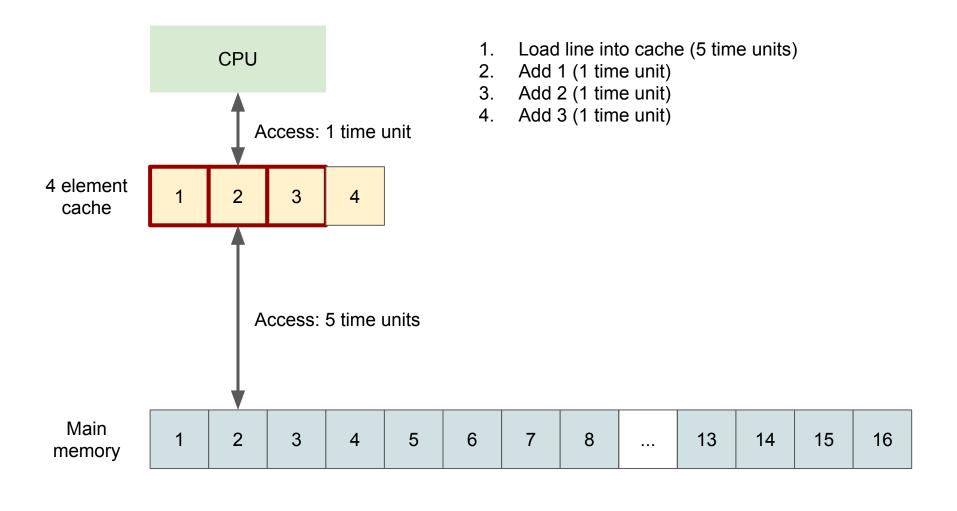
## Sum over row

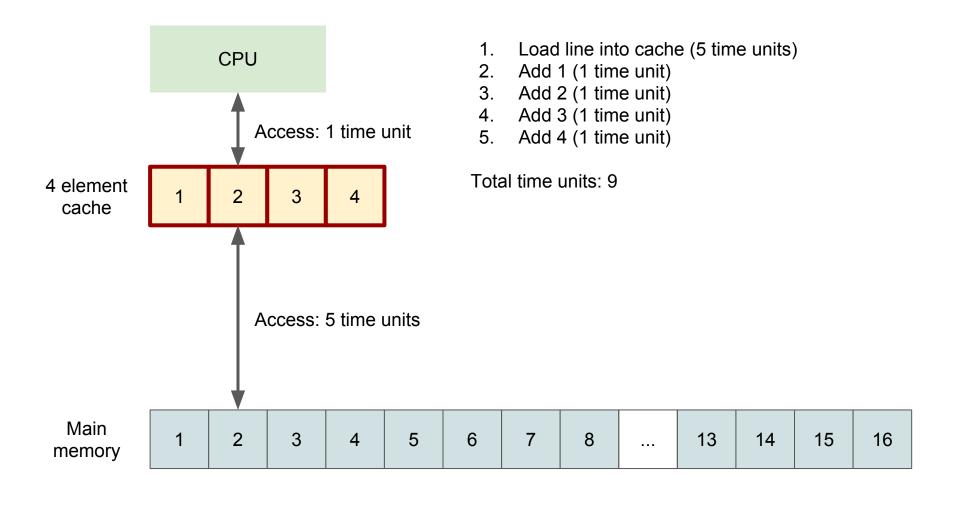












### Sum over column

