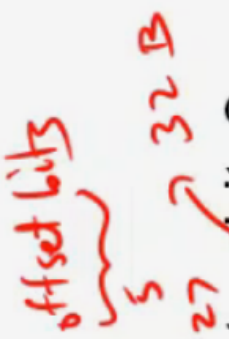


Example

$$40b - 8 - 5 =$$

- 32 KB 4-way set-associative data cache array with 32 byte line sizes

$$27b \times 4 \times 256 = 27 \text{ Kb} = 3.375 \text{ KB}$$



- How many sets? 2^5 tag
- How many index bits, offset bits, tag bits?

- How large is the tag array?

