

Classwork 01 CPE221 Computer Organization  
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Student's Name: \_\_\_\_\_

① What is the effect of the following RTL instruction:

②  $[6] \leftarrow [7] + 4$

③  $[5] \leftarrow [[5] + 4]$

(5 points)

Solution:

② Add the content of memory location 7 with 4 and store in the location 6.

③ Add the content of memory location with 4. The new value is the new location of a memory.

The content of that new location is stored in the location 5.