

# Radix Sort Algorithm ~

29	83	471	36	91	8
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Here the target digit = 3.

So run the count sort 3 times.

Sort the array, using count sort, digit by digit, starting from least

29, 83, 471, 36, 91, 8  
1<sup>th</sup> digit place

→ 471, 91, 83, 36, 08, 29

10<sup>th</sup> digit place

→ 008, 029, 036, 471, 083, 091

Now, 100<sup>th</sup> digit place

→ 008, 29, 36, 83, 91, 471

↪ Array sorted.

