ACOL 215 (08 Sept. 2025) Radix complement The r's complement of an n-digit number N in base r is defined as rn-N (for N 70) and as 0 (for N=0). Comparing with (r-1)'s complement, note that r's complement is obtained by adding I to [r-L)'s complement.

For example, 10's complement of (2389) is the 9999

Swotraction using complement two n-digit we are subtracting unsigned numbers Suppore base v if M>N if M<N

r ~ - (N-M) r'1 complement of (N-M) r's complement again, and Take negate

Example 72532 - 03250 99999 72532 03250

