

dp(n) = min steps to convert n to D $(d_1 d_2 d_3 d_4 d_5) = n$ a_1 $n-d_1$ $n-d_2$ - - $n-d_5$

dr(n) = $\min \left\{ \frac{d\rho(n-d)}{d} \right\} + 1$ 1024 Final subproblem Bose cose) ((n) $d\rho(0) = 0$

Comy Onity line 0(1) H states ava D(N) digits

Space Complexity:

H states:
$$O(n) \rightarrow O(9)$$
 $O(1)$
 $n \rightarrow 0$
 $n \rightarrow$