QotD4

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1. Given N strings in a DLB, an alphabet of S characters and a key of length K, in the worst case how many character comparisons must be done in a search?
   (1 point)
   A. $\theta(\lg_{256} N)$
   B. $\theta(K)$
   ✓ C. $\theta(SK)$
   D. $\theta(NK)$

2. Given a DLB, and a search for some string M, if all of the letters in M are found but we do not find the "end of string" character, we know that
   (1 point)
   A. M is neither a prefix nor a word
   ✓ B. M is a prefix but not a word
   C. M is a word but not a prefix
   D. M is both a prefix and a word