H.W-1. Q1 Given a function 2003 - 10 nlog n-5, verify the following I. 20mn3-10 nlog n-5 3 Ollgn) mored (70 & no-1 Such that 20 n3-10 a log n-5 2²ⁿ = 2² · 2ⁿ = 3 4 · 2ⁿ / (=4, n. 7) Q3 The wort case line complexity for this Cod is O(1) beese to is just the first you infut with you set it to. Q4 a) 260-1 = 1.1529215.1018 6 (260-1)