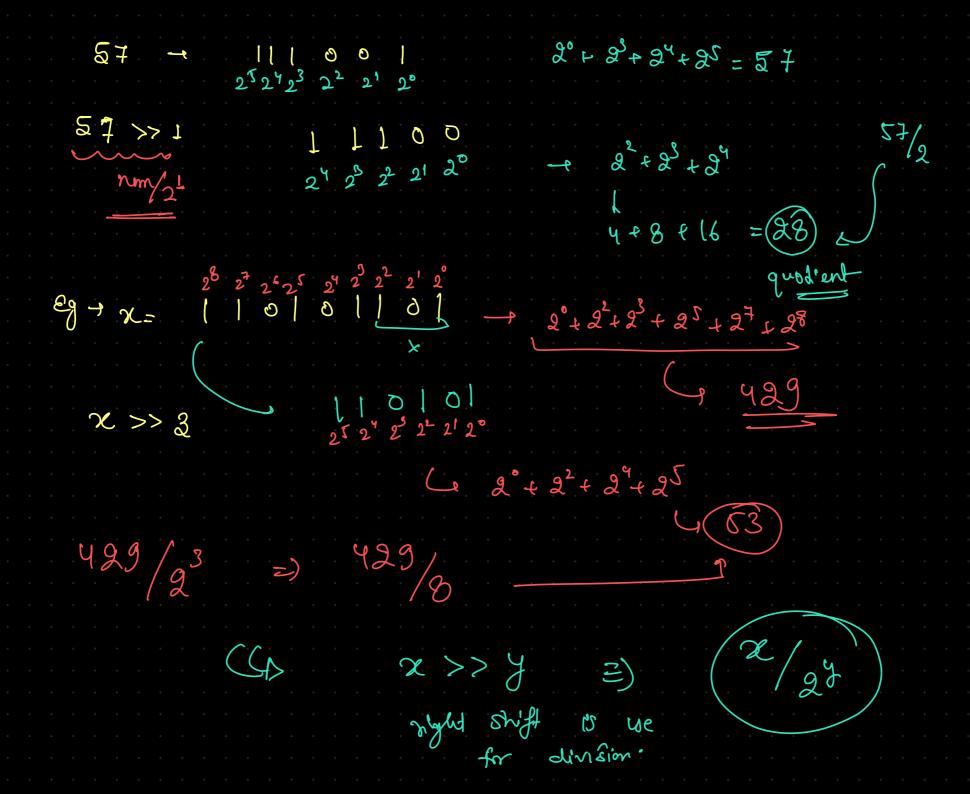


7n by 8: Find 7*n without division and multiplication. 2° + 2° + 2° + 25 = 53 -1 57 001 X = 25 27 23 22 21 20 24mb 21+24+25+26 2 <<1 00 10 26 25 27 23 22 21 20 2+ 16+32+ 64= 114 11 - 20 + 21 = 3 2 -1 8 << 3 3x 23 -, Z × 2°, 0 10 1 left shift Li How to find organizates voing biter multiplication rem = ((1<< (n+1)) -1) & num



division - vsiry orghut

8 miff. multiplication left shift

division
Multiplication
Complexity - O(1)