

A: 2 6 11 15 27 N:5

B: 1 10 13 25 M: 4

Sold : 1,2,6,10,11,13,15,25,27

Median (A,G) — 11

I) Mug 2 sortel Arrap.

TC:0(N+M)
SC:0(N+M)

I) BS

A: 2 6 11 15 27 N:5

D: 1 8 13 25 N:7

Red 13 15 25 27

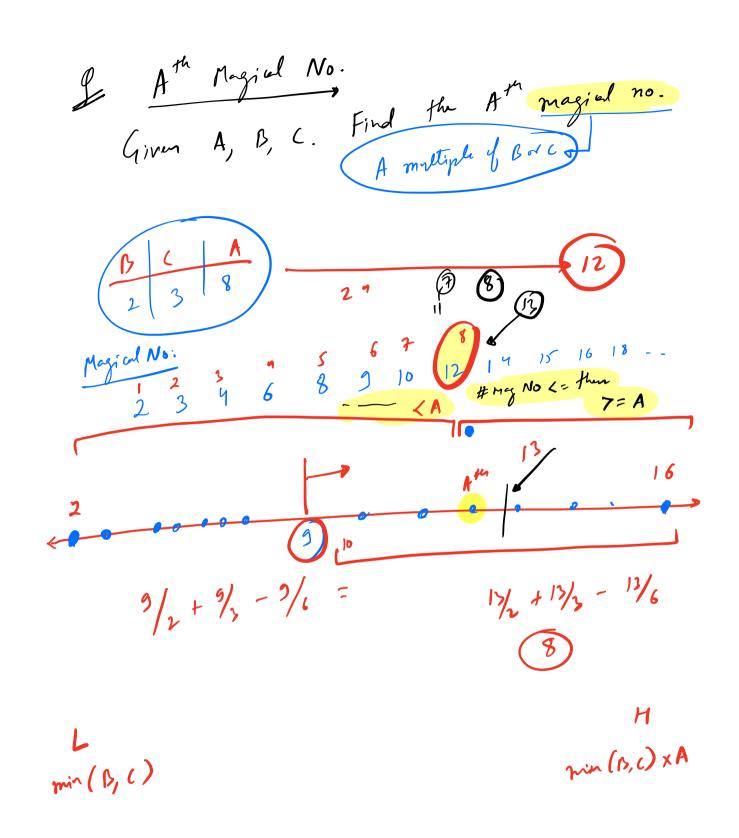
# 6 elments (= them

$$= (A \{ N \}, D \{$$

-> Mam (A,B) - Min (A,B) #11 ( 13) - (7) 0 ( log (x). log (NM)) Gima A & B. Find L(m(A,B). AXB = Lcm(A,B) x 9cD(A,B) LCM(A,D) = AXD GCD(A,D) by (min (A,B))

J Vann Diagram Rither Crick or fb or both AUB = A + B - A OB 40 - 10 = (0)/ I find the # of multiples of A in (1-B)
= B/A 3, 6, 9, 12, 15, 18,

A, B & C. find the #4 & Given multiples of B or C in [1, A]. : 3,6,9,12,6,18,21,24,27,29,33 ! 5, 10, (5) 20, 25, (10), 55 #6 multiples ( Bor C in [1, A] = #1 mult. 1 B in [1, A] - # of mult. of LCM(B, c) in (1, A) A/D + A/C - A/LCM(D,C)



1 = min (B, c) h: LXA LCM (B,C) 07211 with ( ( < = h) { m= (+w)/ ; if ( m/0 + m/2 - m/2cm >= A) { eln q l: mr/j TC = O(h(a))

& Given N tasks, time taken to finish each task Find the prin time in which all tasks can be . A grigh worker on only do continuous set of tooks . All workers stort at the some time. . A single took - A single worker. K= 3 3 5 1 7 8 2 5 3 10 1 7 7 5 7 6 WI 33 24 K = 3 3 5 1 7 8 2 5 3 10 1 9 7 5 7 6 20

