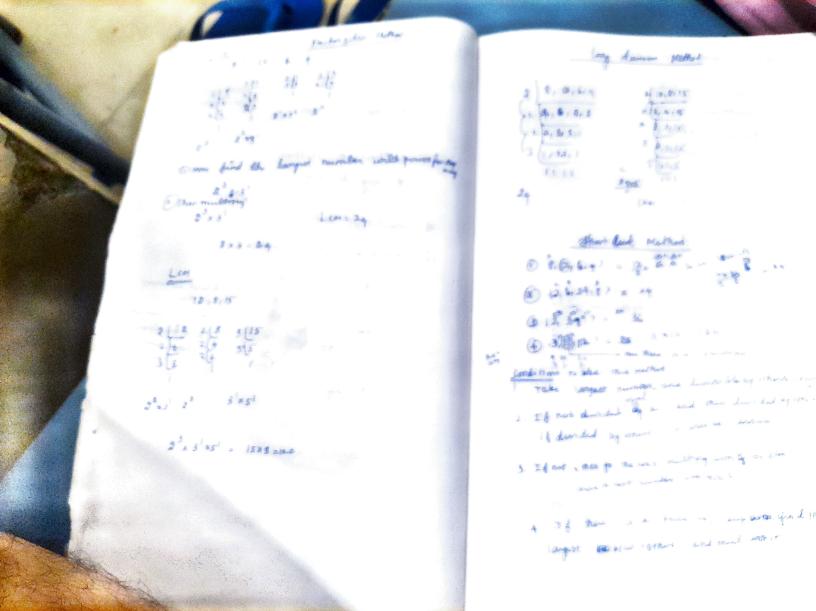
the given rundons Value (onmo) has multiple east termen is all grown LCH- Lieust bommon is the Con Con HCF & LCH of Numbers * Traditional Method (i) Find Lew of 8,10,614 * Shortail Highed X Tradellios al puthod * Long Division Lesson 1 Introduction * Factorization Lcm: 24. 2 - 2 12/2/24



HCF (Highest lemmon Justin) Lemm? + Traditional Helter -> Factorgation Method - Dividios Method -> short cut Hethod Factorisation Helhod -Traditional Hethod 12,6,8,4 27 18136 Find Hop 27 18 36 Hore worthe number divided by the pass bilities = 2' = 2 Ex chick the common factor 27 an inginumbus, Select the lowest among 24 657 men = 32 = 9 27 11 Division Helhod in with 2 numbers write naunter from highest to lower to How we need to divoxle for values while the minaintul and common is all beemborg, or a regime Het . 10

TAY THE WAY YEAR 182 ii) with snumbers HCF: 9

if the given number is less than loo we (2) If the gives numbers guater than 100 We use Dur son word. Model 1 Find Lun with gives = 13 15 for Numualor (find Lcu) for Denominator (find: H(P) for Denominator (find LCA)

shortled Hethod:

Let
$$\frac{1}{2}$$
 $\frac{1}{3}$ $\frac{1}{6}$ $\frac{1}{6}$

HCF by 6.16813 Find Lat for 1.2, 1.5,2 k5? X100 2.0 1:12 deemal values ... 12 212 111 300 X100 0.24 X DO 12. 1.20 \$100 6000 12x3 950 36 = 60 10+ 36 1006

> 000 0777

6.16 1300 616 1 300 1232 Wash Will Lasson 5:

12×9=108

Take LOMAHEF HCF

Hore, Produits of ano = Hipxton

36 +3

3

108

The Last of two numbers is 14560 and HEFE * Enample: 13 and one no is 416. The other is 1. LCH and HCF two no are 1260463 If one of the number is 315. productof two number = HCEX LCH 2 × 315 = 1260 × 63 The other no is 252 Lesson - 6 The Ling 2 numbers " 1820 . HIF " Ed the no is 130 the nois? LCM X HCF = product of 2 number 1820 x26 = 130 x N2

- Some different Remainder

find the least number which when durided by 419, 412 with leave Cal Cax a remainder 3.

Take Lan (419112) = 36

Than add memander with tin = 36+3

find the least number when devoted by 916,89

computing achi Traditional Justine 1000 + ((20-40) = 80 Praulice. 1. find the least number of a digit 999 - Highert 3 digit no 18, 24232 1800 - 4 least digitalra 9999 - 4 hightest digita 10000 least 5 digit no -2/1824132 99999 highet 5 digt no find the least number of four digit dweith by A16,8 K lo. 1. Fabre LCM. for divisible Value 416, 4, Then take LCH Nahre neether Short cut Hethod 120 3/33415 1145 1115 120 ×9 = 100 is a boundy 1111

10000 D find the least neurobar of fine digit which is 2 12 18 21 28 disribble by 16,18, 24 x so. 3, 9,21,7 16 28 24 30 1,3,7,7 #[1177 50 63×4 2,3,115 137115 2 (1 252 252 X 4 2160 Find the Amallet . 4 -digit no such that When deir dat by 12(18, 21 and 28 it leaver 1> mas addthe lemaide grenous da 3 is each care 0756 124/22/ 43/12/18/21/28 addher 1008+3= 1011. Ans: 1011.

find LCH and HCF MODEL-6 Lesson-8 Grantit 4 85 digit much forswar should be (-) with dight number. Q1. Find the greatestriff-digit number duristhe by 12, 18, 20, 35 and lever no remainder. 2 x 2 x 3 x 5 x 7 (2, 15, 20, 35

The greatest 4-digit no which who divis a bay 15/ 10/20 · leaves no remend 2) 10 15 20 3 5, 15,10 \$ 5115,5 60 ×97 8/11515 60 × 110 60 × 350

(3) Find the greatest 5-digit no which down & 8,4,6 360 360X8 99999 leaves 3 as remaide 36018 2880 846 99999 -> 5 dy it gr wa 25 20 1 360×8 02799 2580 2/8/9/10 2 x2 x2 x 3 x 3 x 5 2/41 915 2,9,5 39 279 20915 8/817:10 99999 - 279 99720+3 119110 210 Frilo 99923 lesson -9 (Applications Questions) 180 112/ 1) A, B, c Start Jogging around a circular fréld and complète a sur glement in 18 seu, 129 22 Secre 1 Do gelywhay ... in how much time 19/6 when well med at Stat point? 242 22 18 A - 18 Sec 843 54 **8**0 7245 LICH 2 43=6 8191101 18, 22, 30 6 13 =18 9, 11,15 [87] =90 90x11 = 990 3, 11,5 T Ilis =94. Lec. 11111 111

4. Those are 5 bell whith start engry 3, 6912, 15
Seconds Herrit 1 Those frends A1 B (Start ninning Seconds Hupertirely In 36 minutes how many trong wish ground in Dy Seconds 31 Seconds, -3" Second Regulations, after how may monthly will they next age bells gring Birmeltaneous? 300 8913 D ~ - L CM at Starting point? 3 3,6,9,12,15 2×2×4 3x3 = 9 8,12,10 2 (8,4110 Immi - 60 sec 4 x 2 141215 150 See = 1 minh 36 muntes 6 m = 36= Jee 2,1,5 40 x9 3 to Sec 1 ring = 3 mis 180 = 3 The traffic lights at three different grown crossing change after 24 Sec, 36 sec, 54 sec respectively, Jimo amo Brill Son 3mm 3mm if they all chap to Dinultanously at 10:15:00 mg the what fine they gam change Simultaneouty 2 34, 36,54 5. The pieces of trades 42 M, 49 m, 63 m long have to 3 x 3x 3 3/12/18/27/2 be desider onto plant to Bame length, , what is the greatest frimble length of each plant? 4,6,9 2, 3, 9 (h realist, largest, A ghest -3/139 42 49 63 1 3 3 60 Sec = 1 min 216 BEC = 3min 36 BEC. Now the three Signal ad 10:05: 62 Am after 3 min 36 sec -> 10:08:36 AM. the next three Signal.