state and n A can work strong faster than is and taken bodays less than B to complete the work. In how many days does A and 13 modificually can complete the work? A 3 soldys 3 13

n (n-60) dr11 e d +8 53/12- F63 $\frac{2}{0} = 24$ = 75-60 = 15 days. $\frac{n}{5}$ = n-60. 4n=30v.

dy men can thish a work in ladays, find the no. of.

days suguised to complete the same work by somen

24m - 1/10 work

24×? 2 30× 1

= 8 days, and toristile soom cresia austrema

complete the exert m days?

8111 = 9+ B

R+P=1/24

1221 What = 152X

P3 1/25 down ((day)

3) A cando a work on 3days, Boards the same work m bodays and c can do the same work in 7days work together how many days will they take to complete the work? 2 (3,6,7 A > 3days > 1/3 By 6 > 1/76 c >7 > 1/87 = 2/1 9 = 9 (1day) = 14 (70tal days) 4) Pand a m 12days, a and R m Itodays, kard p m 24 days. Pand a and k =? down suguised to complete the same PHQ = 1/12 Q+R= 1/16 2(P+Q+R) = 4+3+2 R+p= 1/24, P+Q+R. = 3/32 (1 day) = 32/3 (days) rootal Pm 35days. & is 25% most efficient than p. & will complete the work in _days? P-> 1/25 days (1day) 8 = 25% MNSC =125%.

125 × 1 = 1 ((day) 100 × 10 = 24 dam 24. Total=24 dam

6) 3 men can do m a days and y bays on 6 days. 8men and 8 Edys = ? odouss Js 3 Homes. 4b -> 6days -> 1/6 2m= 3(4b) cook from golm24bit strow yob - non 8m +8b = 4x8b +8b Low Alicah hopes : - w prod = 326+86 = yob, ?= 10/6 (1 day) 6 (Totalay) To sita and geta cando a same work to 20 days and 25 days. 130th begin together but after new days sta leans. Then gita Amishes the work in seemaning codays how many days sta leave A worth 12 deup a chi is much introva. A and on Sportelynos was 20days 1/20 rodays= 10x2 25d 1/25. =2/5. (d+A) 72+01=1-2 S+ 67= 1 +1 20 75 =315.

= 415 q

ndays
$$+\frac{9}{100} = \frac{9}{100}$$

of 12 mobble = dy n=20/3days.) & - mx

P done can do a work on as days more mon pand of together. A above taken I days mox to pard ar- pand or=?

(Pta do a P don N+3 N+3 N+52

N2 Jertoa p x Extra a Do where of 125x3 was the subject to happe other two days were leave

9) A work 12 days. B M 8 days. A work of shown a day . B works 10 hours. A and B works 8 hours work complete =?

actaign

pua rémpoi A 12days 8nows = 96 B & days 10 hours > 80.

A+B=
$$\frac{1}{96}$$
+ $\frac{1}{81}$. 8hown $\frac{80 \times 96}{178}$
= $\frac{80+96}{80 \times 96}$. = $\frac{80 \times 96}{178 \times 8}$
= $\frac{176}{80 \times 96}$. $\frac{176}{11.}$ days,

10) kaj m 10 days, sweat m kdays, kaj and sweat m atternation days, when the work will be done? R > 16 days > 1/16 (work done cannot be) 3 -> 12days -> 1/12 $\frac{1}{16} + \frac{1}{12}$ 7 days= 7x7
48
=49
71
(not possibly) 1-7 = 1/8 - 48/48/ 7 8-Lack of July 14th day 08 115 13th day stag 12 > 1 10 x = 2 x 1 1/5 4. 123 13 3 /y days. Del m23/4