Day 4 Aug = (20+25 + 30) = 228 = 75 Age = 10, 12, 14, 16, 18 Aug = 10+12+14+16+18 = 10 5 2 14 Wieght = 10 kg No. of bonu = 6 Total weight = 10x5=50 kg. work pur day = 2 hours fday Total = 2x 5 = 10 hours, for I how = ye of total 20,25 4 hours = 1 work

1 hou = 1 = 0.18 g

por 2 hour = 2 of work 6 workers frush in 8 days Jotal wate 28x8 248. foi I worken pur day = 1 x1 Do. of number = X Sum = 6 × 15 2 90

Avg = 4.50

matcher = 4

total = 4 × 50 2 200 A worker = 4

day = 12 Total = 4 x 12 = 48 for 2 worker + worker ~ 1 2# days.

+ worker & day to 215 × 1 0 × 1 5 days.4 A's do

A alone = 1

So Total = 1 B's alone > 1 - 1 2 for the Topic 2 18-3 2 3 3 60 60 to days 1 + 1 = (++3) = 7 15 20 60 60 13 Time = 60 = 9.57 days. Avg 2 20 4 for 5 K. Aug = 18 / for & sum = 4 × 18 Sum = 1 2 72

100-12 ? Removed number = 1x 15. 10 student aug 2 36 total = 30 x 10 = 300 Rimour 25+35 = 60 Aotal = 300-60= 248 avg = 140 = 30 16. 3 700 ple = 6, 8, 12 days. 41, 1/8, and 1/12 <u>29.3</u> 24.8 8 2 2,67 days 4 17. Aug & 9 = 35 Add 40, 45, 450 total = 280 + 135 = 415 New aug 2 415 2 57. 73

18. Hog of 10 = 25 0 250 g Remove to . total = 216 Ng = 210 = 23.83 A- 15 days.

A pu day > 1/15 B = 26 days

PU day = 1/26 ? A work for 5 day = 1 x8 = 1 work left - 1-1 = 2 work 4 A09 = 30 total = 20 26. Remove 42. 168 New aug = 168 = 28. A=24, B=30, C=40

LCM = 126  $\frac{5+4+3}{120} = \frac{12}{120} = \frac{1}{16}$ 5 days = .5 × 1 1 work left = 1-1 = 1 wok 22. A+B = 16 64 183508 B's alone = 15 = 1  $A = 2 \left( \frac{1}{10} - \frac{1}{15} \right) = 2 \left( \frac{1}{30} \right)$ Remaing = (12-n) days. x + 12-x 2 1 3x + 2x - 2x = 1 30 (4-014 11) 3x + 24 - 2x 2 36 2+28 = 36 2 = 5/1 A = 24 . B = 30 Co

O.C.

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Aug 2 56 23. total = 500 add = 20 total = 520 New aug = 520 = 52, 24. filling rate = 1/8
Emptying rate = -1/12 Net vate = 1 - 1 = (3-2) = 1 Time taken 2 24 hours. 26. \$ A = 1 C21' A+B+C 2 1+1+1 = 6+9+5 10 in 4 days = (x13 = 13 a > 0 a