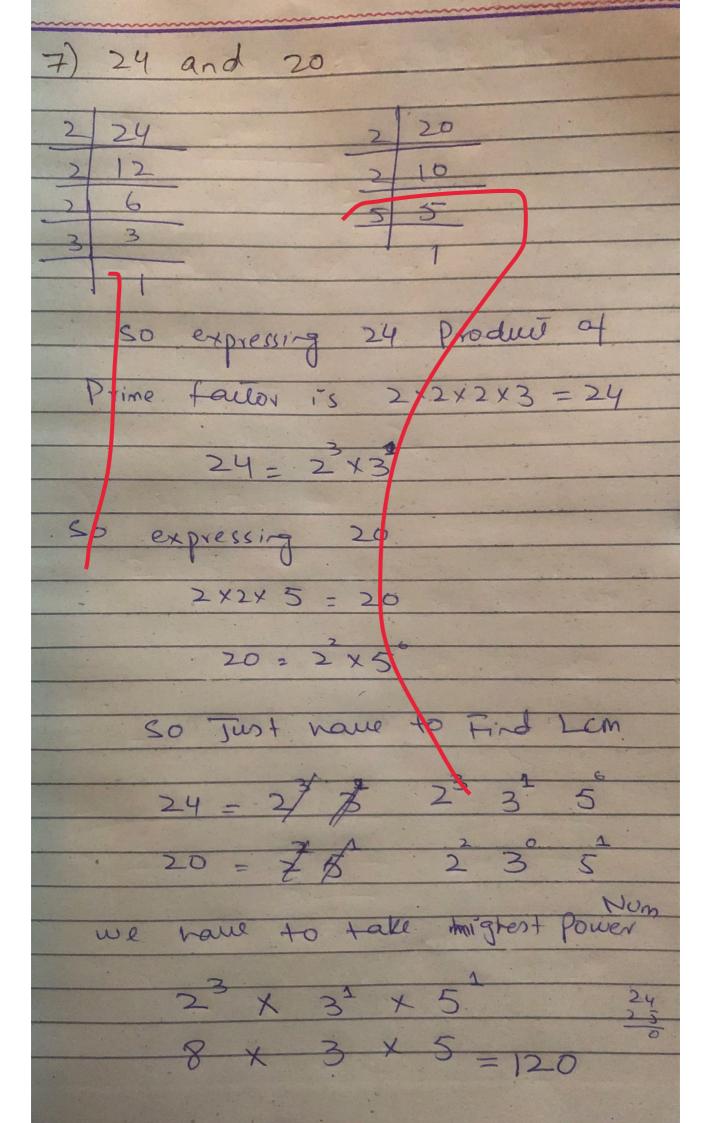


entantand 8 , 5, 10, 20, 30, 40 3, 4, 6, 12, 24, 36 4, 8, 16, 24, cm is 14, 21 and 35 , 14, 28,42 , 21, 41,563 LCM is 7 30, 50 and 60 (5), 6, (10), 15 (10), 25, 50 2, 5, 10 2 cm is



Percentage: Malh when 40% of a number is added to 42 the result is the number itself Find the NO (70) Let the number be x 40/ (2)+42 4621 - 400442 10 462 = 42X10 Num

Example 03: 15 litre timisture conteins 20-percent alcohol and vest is water if 3 liters of water be mixed in it what is the Percentage of alcohol in new mix? Solution Total mix = 45 liter Alcovol = \$ 4/189 (18 = 3 little alcohol Rest is water = 12 litre. 3 litre of water be mixed it now water is 12+3=15ltrs alcohol in new mixture aushol × 100 3 × 100 100 50 50 = 16-6-/6

Os: 1 kg of tea and 4 kg of Sugar cost Rs35 but if Sugar Sugar cost Rs35 but if Sugar Fises by 50% and -120 10%. They would cost Rs42.50 They would cost Rs42.50 Find the price perkg of sugar Solution 5-Let Price of 1 kg tea is X Price of 4 kg sugar = 44 Price of 1129+ 429 sugar Now tea increased by 10% = 1074 + 96 =1011 + 71 117

=34 Now Price after increase -49.50 117 +64 =42.50. muliply by 10 10x 11x + 64 x 10 = 42-50x10 11x + 60y = 425-Making coefficient (quare from eq X+44 = 35 multiply by 14. 11-71 + 444 - 385 subtract by eq (3) from eq(

