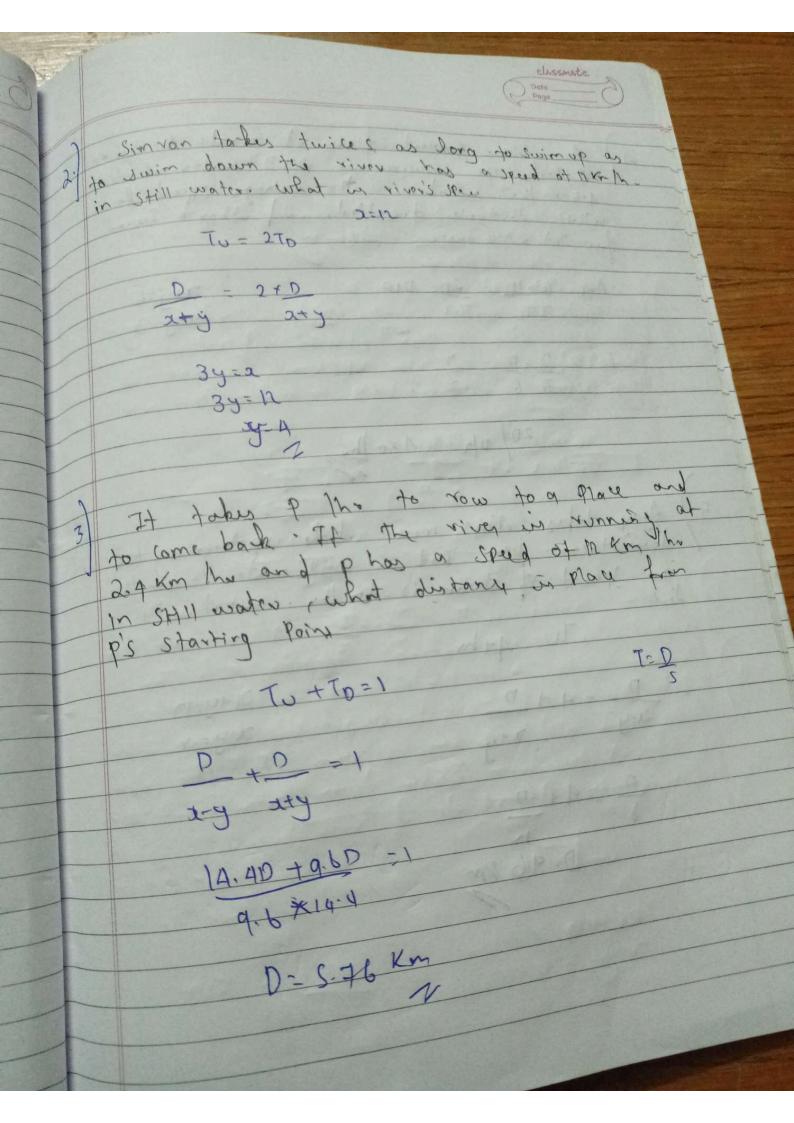
SY D= S+1 5=017 T-DB we need to colculate speed of iver + speed of T-> upstream -> 24y T-> downstream>>2y I what will be the boat speed in still water E speed of river if the load takes in his to you 48 km upstream and ghas to now the Sang indown stran Us= S=D= 48 - 4Km/h. Ds- 48 - 6Kn/s X-y=A -0 )(4y=6 0) 2/ry +2+4=10 at 5kn ho hoat y: 1 Km/ho river



An ocean current from at a rate of 1.5 en As how he what is the average speed for 204 entire distante franklist, if show & Swin from India to austral 2xy=6 Aug : TotalD : 2D= D+D 21-423 T.72 D+D - D 20 p/2= A Km/hu A) ay takes Ahrs more while upstreaming the down strong. His speed in still water is lotally The speed of whom is 2km lhv. what is My Tu= Ath J1+4=12 2-4+10 D = 4+ D D= 96 Km

Pay swims 26km downstroom in som time as of the is 3 km/ho is the speed it speed of T=7 3 3 3 SIZIOKNIKY Ratio of Guddi's Swimming Speed in still work. to speed of river is 7.1. She swim AIKE of the viver in Just 1 Amin. How much time will Gudd: take to Swim 18.9 Km down the riv 1:4:7 1 1:74 y 7 D=4.1Km Us= 0 - 4.1 - 0.3 Km/m 2-4-0.3 7-7-9-20-3 4-6.05 Km/mm 2-7-9-20-35 Km/mm

Downstear D=18-4 Km 5 - 21+4 035 to . 05 0.40 km/h. TD=D/S= 18.4 = A6min in still water to speed of iver if vatio of ting taken to go token upstroom to time taken to go loka down stran 11:5 To 5 Plsp 5 10/20 = 1 = 214y 11 10/20 5 = 300 5 2 = 8 Day Davins for 6/2 hours while going 24km downstream and 36 km upstream, But he poken & fours to swim 36 km about stron and the appear. and Is rate of river flowing

