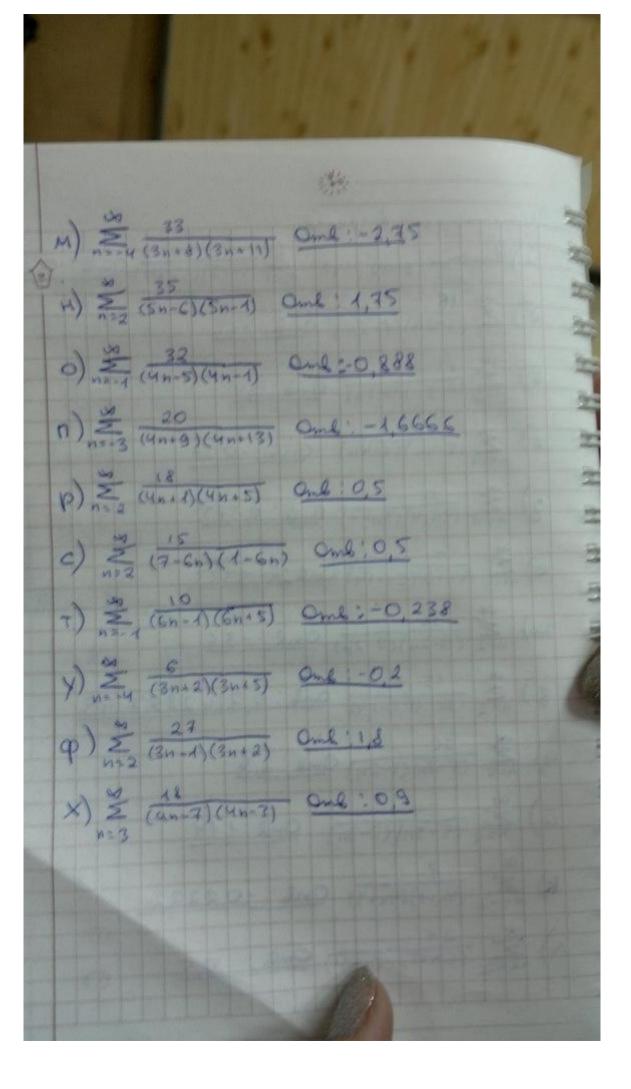


3 a) Harimu cyrug paga 10 (5n+2)(5n+7) Onle: -0,6666 8) 2 (3-2n)(1-2n) and -16 (e) = 12 (8-3 m) (5-3 m) Omb : 0,4 2) \$ (5-4n) (1-4n) Oml -0,28 9)  $\frac{9}{N=4}$   $\frac{9}{(3n+4)(3n-4)}$   $\frac{9}{(3n+4)(3n-4)}$   $\frac{9}{(3n+4)(3n-4)}$   $\frac{9}{(3n+4)(3n-4)}$   $\frac{3}{(3n+4)(3n+4)}$   $\frac{3}{(3n+4)(3n+4)}$ = 4) = 20 0ml 2,6 (5-3n) (2-3n) Oml: 1,14 紫 K) 5 (4n-1)(4n+3) Omb: -02222 1) \( \square \) \( \square \)

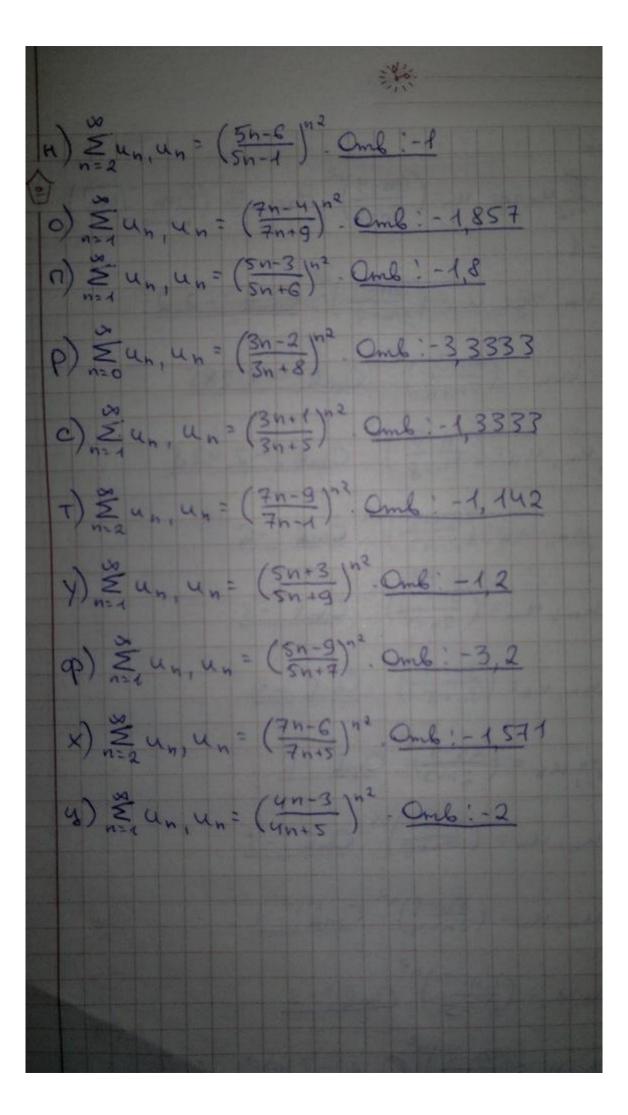


3as zasora a) Die page & un recionemence were & rome lim to = 000 rem u = 58 = 841118+5 18 = 1 1 10 = 1 Omb: 6, 8333 8)-11- 4, = 55+3/112+2 Out : 6, 1666 (1) un = 3+ 54+ mm? Ond: 5,75 2) Zun un = Un + 8ma+5 Omb > 4,17 g) = un; un = 35 + 8 12+5 ; Ond 316 e) & un | un = 3151 + 7/15+5" Cond 278 x) = un; un = \( \frac{4}{(n+1)^2} \) \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1}{2} \) \( \frac{1}{2} \) \( \frac{1}{2 3) Zunjun=3/2+3m4+C Oml 3,92857 u) = un: un = + 52 + m3 . Ond : 7.7 a) Z un; un= 55+2n10+6; Ond: 1,83 K) = un; un= (n+2)" JE+n 'On6: 2,1

1) = un | un = 2/3+ nr + 2 | Omb | 7, 61 M) = un = 8/4+ (n+3) 1 (Omb 1, 125 H) = un; un - 50+ 3 185714 0) = un; un = \\ \n = n) = un; un = 5n+ 8/3n"+5 : Oml 7,125 (p) = un; un = 3+ 0/5+ n2; cml: 6,10 c) = un; un= \$5+4"+6 conb: 8,125 T) = un; un = 55+6n5+2 ; omb: 5,666 y) Zun; un = (n+3) Jn+6 ; onle: 5,5 ap) = un; un = (n+5) 5 3+1 ; and : 2,75 x) = un; un = \( \tau + n \tau \tau + \tau \) Ome : 0,5

300

a) Dan Zun, zge un= (9n-4) 12 Hamu ln (lim Jun) 5) 5 un 2ge un= (5n-4) 12 Omb 1-2.2 B) Zun un = (7n+3) 2 Omb: -1,285 = 2) = un, un= (7n-9) 12 Omb: -2,428 8) 2 un un= (2n-5 /2 Omb!-6 e) & un, un= (3n-4) 2 and 1-3 x) = un, un= (3n-7) 12 Oml :-4 3) = un un = (2n-9) 12 Omb: -6 4) Zun, un = (7n-1) 2 Omb:-1 K) Zun, un= (5n-1)n2 Omb:-1 1) = unun= (En-7) 12 Oml: -2 M) Zun un= (7n-8) Omb!-1,428





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# # #	3agara  a) 2 (n-6)!·n3. 22n-3  n=8 (n-3)!. 33n-6. Havimu lim un.  n-300 un
田田田	δ) Σ (n+2)! · 25-1 ω (n+3)! · n5 · 53n+4 Omb : 0 2 0, 256
	2) \(\sum_{n=1}^{\infty} \frac{(n+4)!}{(n+4)!} \cdot \(\begin{array}{c} \text{2} \\ \n \end{array}\) \(\text{Omb} \cdot \text{0} \\ \n \end{array}\) \(\text{Omb} \cdot \text{0} \\ \n \end{array}\)
	g) & (n+4)1.n3.2 <sup>m2</sup> Omb:0,128
	e) $\underset{n=q}{\overset{\infty}{\times}} (n+q)! \cdot n^3 \cdot q^{2n+2}$ $\underset{n=q}{\times} (n+7)! \cdot 5^{3n-q}$ Omb: 0,128 $\underset{n=3}{\times} (n-1)! \cdot n^3 \cdot 5^{2n}$ Omb: 0,128
#	3) E (n-4)! n2.34n-2 Onch 9648
	$u) = 6$ $(n+2)! \cdot 2^{5n+4}$ $u) = (n+2)! \cdot 2^{5n+4}$ $u) = (n-3)! \cdot n^5 \cdot 5^{3n+4}$ $u) = (n+6)! \cdot 3^{4n}$ $u$
101	K) $= (n+6)! \cdot 3^{4n}$
	7 n=7 (n+0-12