CHEOLDEN 11 Stex = 24 + 1 + Sinx - 105 x + 11 x + ex) dx Frx = 2x3 - x2 + x - cosx - sinx + x /ax - x + C = 2 x3 - x2 + x1nx - sinx - 105 x + C 2) ((2x+6x22-5x24-3/n2) F(x)=x2+3x222-5x8y-3x1n2+C 3) [3×25in(2x)dx U=3x4 JoV=Binzvdy 3 Xisin nxi dx - KCONIX) - /- X (042X) dx 1-11 dx = 1/x+17+

19 ya 1 5 nn n=1 (n!)2 an = 1 (n+1) (n+1) $\frac{a_{n+1}}{a_n} = \frac{(n+1)^{n+1}}{(n+1)!} = \frac{(n+1)^2}{(n+1)!} = \frac{(n+1$ = (n+1)2 - (n+1) 11-11 = (n+1) nn = (n+1) L= ein an : ein (n+1) = 0 <1 Ray Cxoquica! 2 1 4 Wan = " 1 2 L= cim 12 =0 <1 pay (x) prina! $3 \sum_{n+\ln n}^{\infty} \frac{(-1)^n}{n+\ln n}$ 1) 3 who repayer no was p 9/9 2) ein / -1/n/ = 0 9 = 3ⁿ = 11m $n \left(\frac{3}{2^n} \frac{1}{3^{n-1}} - 1 \right) = \frac{1}{3^n} \frac{1}{3} = \frac{1}{11^n} \frac{1}{3} = -\infty = \frac{1}{3}$ 5 p(x) = 1 n (16 x t), Q = 2 1/116 x1 = 1/2 64 + 328 (x-1) + 32 · 16x - 32x · 3 cx (x - 7) = 1169 + K-2) - 4 (x-2) = 1067+(x2:2)-9(x-2)2