Tema "Tipegen &- yuu" 4.c. $\lim_{x \to \infty} \left(\frac{2+3}{x}\right)^{4x+1} = \lim_{x \to \infty} \left(1 + \frac{3}{x}\right)^{4x+1} = \lim_{x \to \infty} \left$ = 0 km 3 (4x+1) = 012 Tema , Teopenia o upegenaa" 1.d. $\lim_{x\to\infty} \left(\frac{4x+3}{4x-3}\right)^{6x} = \lim_{x\to\infty} \left(\frac{4x+3}{4x-3}\right)^{\frac{4x-3}{6}} \cdot \frac{6}{4x-3} \cdot 6x =$ $= 0 \lim_{x \to \infty} \frac{36x}{4x-3} = 0^9$ 1.e. lim x = lim x + lim x = = 0 + 0 = 0 1. f. lim x + lux - lim x + lim x = = 1 - 0 = -0