Long xol Ulban & U Massan 15 cmg 1 Harrison Obe oup, accumpation magnera Fa) $f(x) = (3x-3)\sqrt{\frac{x-6}{x-4}}$ $\frac{X-5}{x-9} \geqslant 0$ 9x-570 2x-400 L { x - 5 ≤ 0 x - 4 ≤ 0 (-P;4)U (5;+00) 1) transmerature acumum. y= kx+b $k = \lim_{x \to \infty} \frac{f(x)}{x} = \frac{(3x-3)\sqrt{\frac{x-5}{x-9}}}{x} = \frac{(3-\frac{2}{x})\sqrt{\frac{x(3-\frac{9}{x})}{x(3-\frac{9}{x})}}}{x} = \frac{3}{3}$ b= lim (f(x)- kx) = (3x-3) = -3x = $\frac{(3\times -3)^2 \times -9}{(3\times -3)^2 \times -9} - 9x^2 - (9x^2 - 13\times +9)(x-9) \cdot 9x \cdot 9}{(x-9)^2 \times -9} + 3x - (x-9)(3x-3)^2 \times -9 \cdot 9x \cdot 9}$ 9x3-18x2+9x-45x2+80x-95-9x3+36x2 $(x-9)(3x-3)\sqrt[3]{x-9}+3x)$ (x-4)((3x-3)) (3x-3) (x-5) (x-5) (3-3) (3-3) (3-3) (3-3) (3-3) 9=3x+9=

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