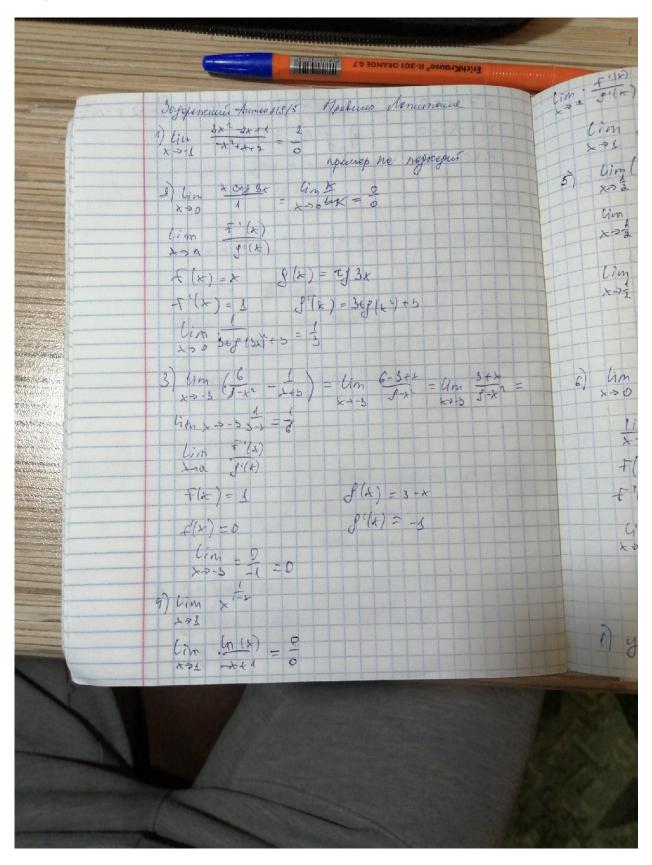
Задорожний Антон 219/5



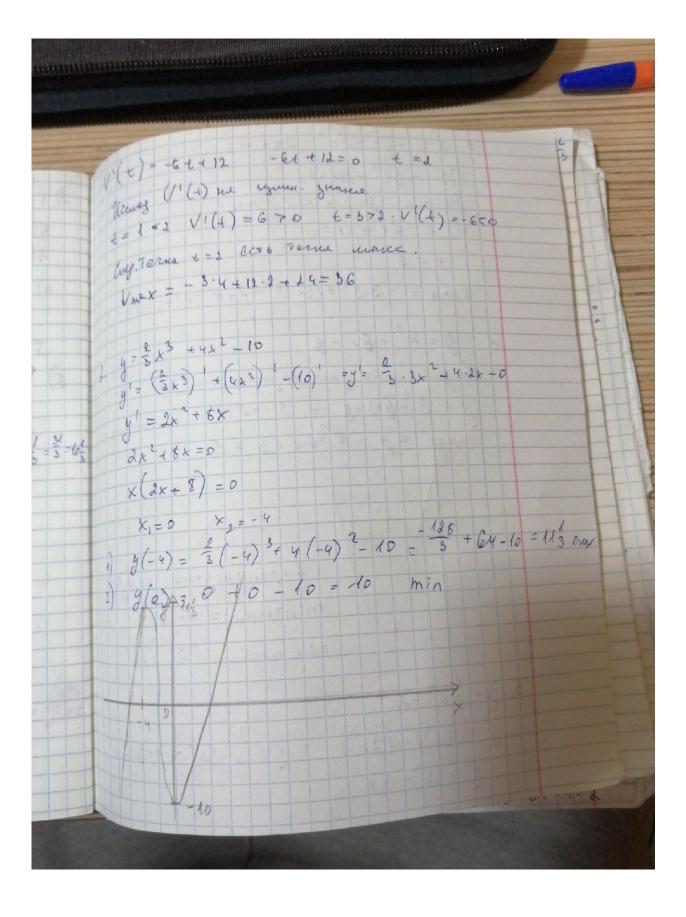
 $\lim_{k \to \infty} \frac{f(k)}{g(k)} = \int_{-k}^{k} f(k) = \int_$ $\lim_{x \to 0} \frac{u}{1+2\ln x} = \lim_{x \to 0} \frac{\ln x}{1+2\ln x} = 0$ lim f (t) f(x) = ln x) $g(t) = -\frac{lnx}{2} + \frac{1}{2}$ $f'(k) = \frac{1}{k}$ $f'(k) = \frac{1}{k}$ $f'(k) = -\frac{1}{k}$ $f''(k) = -\frac{1}{k}$ f''(k)Mpunenenure grapasam mome bouncement. 1y=3x2+5x+s

Dy - ? $x_i = 3$ $Dy = y_1 - y_1$ $x_2 = 3$, eas Bg= 3.8 +5.8+1=27+15+1=45 g2 = 3. (3,001) +5. 5,009+1= 3.8,00601/5,005-24,01803+15005+1=43,02303 by = 43,02303- 43 = 0,02303 y=1,092727-4.1,0688+6,18+3= 10,272727-0,2436=10,025127

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2. $y = \frac{1}{3} \times \frac{3}{3} + 2x^2 + \frac{1}{3}$ $y = (\frac{1}{3} \times \frac{3}{3} + 2x^2 + \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3} \times \frac{1}{3})^2 + (\frac{1}{3} \times \frac{1}{3})^2 = y^2 = (\frac{1}{3}$ Cues. Ter Umex x(x+4)=0 S=-63 + 622 + 242 - 5 (V) = (E)1 = -362 + 120 + 24 Kaugen ghar + my V= may



3. 5 = -6 + 30 - 246 + 6 W= -3t2+18t-24 Harryene Znez + upy Vonez (V=-6++18=0 Vmx = -3.52+18. 3 -29= -27+5(+29=3 2 7 = x 2 - 6 x + 3 в прешетуть ел 0 90 5 m: птогра = (3; - 6) max merses (0;3) 3. $g = \frac{1}{3} \times 3 - 2x^{2}$ $g' = (\frac{1}{3} \times 3)' + (2 \times 2)' = g' = \frac{1}{3} \cdot 3x^{2} + -2 \cdot 2x$ y = x - 4x

