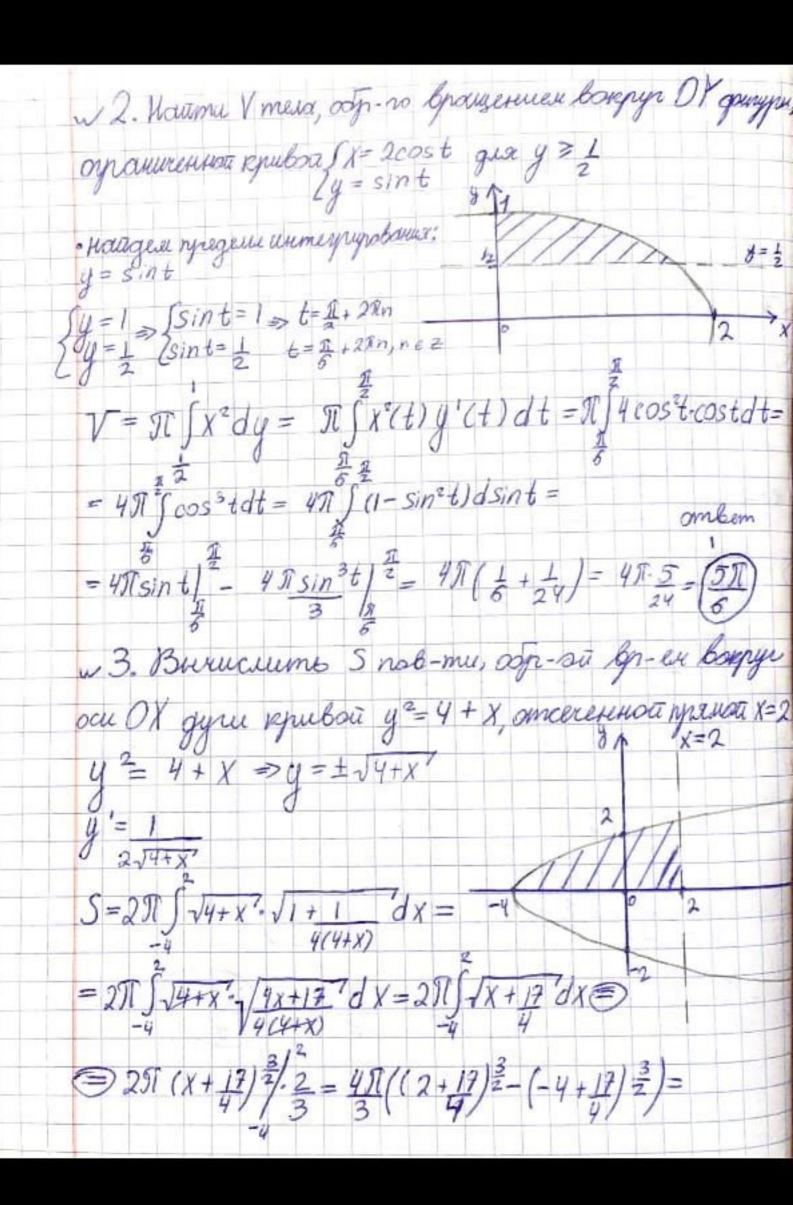
D3 Marcel 1146-225 Bajuarun 19. и 1. Вичисиимо пи-до фигури, пр-и ОК-того Γ = 13 sin 4 μ καρημουσού Γ = 1 - c 05 4 (but καρημουσω) · Hartgen yrain - 2: √3 sin4 = 1-cos 4 Sinfcos # + sin f cos 4 = 1 Sin (4+ 11) = 1 $\begin{array}{c|c} \varphi + R = \frac{R}{6} \Rightarrow \frac{\varphi = 0}{\varphi = 2R} \\ \varphi + R = \frac{5R}{6} \Rightarrow \frac{\varphi = 0}{3} \end{array}$ $S = \pm \int_{2}^{\frac{2\pi}{3}} 3\sin^2\theta d\theta - \pm \int_{2}^{\frac{2\pi}{3}} (1 - \cos\theta)^2 d\theta =$ $= \frac{3}{2 \cdot 2} \int_{0}^{2\pi} (1 - \cos 2\varphi) d\varphi - \frac{1}{2} \int_{0}^{2\pi} (1 - 2\cos \varphi + \cos^{\varphi} \varphi) d\varphi =$ = $\frac{3}{4}4$ = $\frac{3}{8}$ $\int d\sin 2\theta - \frac{1}{2}4$ $\int d\sin 2\theta - \frac{1}{2}4$ $\int d\sin 2\theta - \frac{1}{2}4$ $\int (1+\cos 2\theta)d\theta - \frac{1}{4}$ $= \frac{3}{4} \cdot \frac{2\pi}{3} - \frac{3}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{3} \cdot \frac{2\pi}{2} + \frac{\sqrt{3}}{4} - \frac{1}{6} \cdot \frac{4}{6} \Big|_{3}^{2} + \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} \cdot \frac{1}{6} = \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} - \frac{1}{8} \sin 24 \Big|_{3}^{2} - \frac{1}{4} + \frac{1}{6} - \frac{1}{6} + \frac{1}{6} - \frac{1}{6} + \frac{1}{6} + \frac{1}{6} - \frac{1}{6} + \frac{1}{6} +$ $= \frac{6\pi}{12} - \frac{3}{8} \left(-\frac{\sqrt{3}}{2}\right) - \frac{\pi}{3} + \frac{\sqrt{3}}{2} - \frac{\pi}{6} - \frac{1}{8} \left(-\frac{\sqrt{3}}{2}\right) =$ $\frac{31}{2} - \frac{11}{3} - \frac{1}{6} + \frac{313}{16} + \frac{13}{2} + \frac{13}{16} = \frac{12\sqrt{3}}{16} = \frac{3\sqrt{3}}{4} - \text{ombern}$



= $4\pi \left(\left(\frac{25}{4} \right)^{\frac{2}{5}} - \left(\frac{1}{4} \right)^{\frac{2}{5}} \right) = 4\pi \left(\frac{125}{8} - \frac{1}{8} \right) = 4\pi \left(\frac{124}{8} - \frac{62\pi}{8} \right) - \text{combern}$ - 4. Ucceegs lamb rea exergenescme $\int \frac{dx}{\sqrt{x^2 + 3x + 1^2 - 6nx}}$ $\frac{4\pi}{x^2\sqrt{1+\frac{3}{x^3}+\frac{1}{x^4}}}\frac{1}{\ln x} > \frac{1}{2x\ln x}$ $\int \frac{dx}{2x \ln x} = \frac{1}{2} \int \frac{d(\ln x)}{\ln x} = \frac{1}{2} \ln \frac{\ln \ln x}{\ln x} = \frac{1}{2} \ln \frac{\ln \ln x}{\ln x} = \frac{1}{2} \ln \frac{\ln \ln x}{\ln x}$ Lim Ln Iln XI = 00 => unmerpai pacxogumase x>+0 => uxxoguma unmerpasspacxogumasemo npeg. npuzuaxy спосыения, и 5 Исследовать на сосодинеть Juli-xu morka pazpula - 1: July - cocquence no npuzuary coc-mu (+<1) => ucxogrente atemegran posagumae mo npegentresney mugnicity gracierus.