1.

Intersection point is [1,1]. and

region is [o,i].

wight $u = \sqrt{3} - \sqrt{3}$, reaching r(= (1-3))

V= { 2x (1-8) (53-32) dy

= 2x (1-3) (43-32) dy

= 2x [53-32-353+3° dy

[3/2 - 3/3 - 3/2 + 3/4].

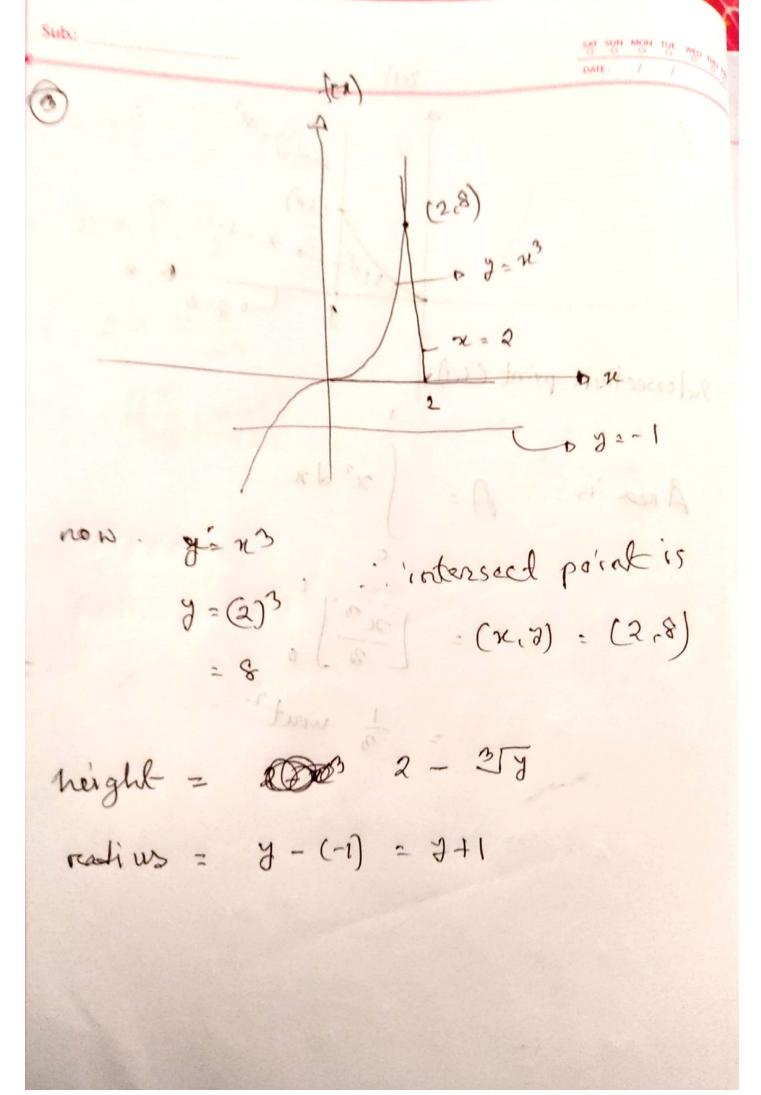
Sub.:

) - It subser

6 (6-62) (6-13 mg

100-51

\$ (4 - 2 k) (5 -1)



Sub.:

the other wider after miles after the

$$\begin{aligned}
& = \int_{0}^{8} 2 \times (8+1)(2-3^{\frac{1}{3}}) dy \\
& = 2 \times \int_{0}^{8} 2 \times -3^{\frac{1}{3}} + 2 - 3^{\frac{1}{3}} dy \\
& = 2 \times \left[3^{2} - \frac{3^{\frac{1}{3}}}{\frac{1}{3}} + 2y - \frac{3^{\frac{1}{3}}}{\frac{1}{3}} \right]_{0}^{8} \\
& = 2 \times \left[3^{2} - \frac{3^{\frac{1}{3}}}{\frac{1}{3}} + 2y - \frac{3^{\frac{1}{3}}}{\frac{1}{3}} \right]_{0}^{8} \\
& = 2 \times \left[3^{2} - \frac{128}{\frac{1}{3}} + 16 - \frac{16}{3} \right]_{0}^{8} \\
& = 2 \times \left[3^{2} - \frac{128}{\frac{1}{3}} + 16 - \frac{16}{3} \right]_{0}^{8} \\
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& = 2 \times \left[3^{2} - \frac{128}{\frac{1}{3}} + 16 - \frac{12}{3} \right]_{0}^{8} \\
& = 2 \times \left[3^{2} - \frac{128}{\frac{1}{3}} + 16 - \frac{12}{3} \right]_{0}^{8} \\
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& = 2 \times \left[$$