





Semi-circles
$$A = \frac{1}{2} \pi r^{2} \frac{3}{3} \left(\frac{4-x^{2}}{2}\right)^{2}$$

$$Equilatival \Delta's$$

$$A = \frac{1}{2}b-h$$

$$A = \frac{1}{2}s \cdot \frac{1}{2}s$$

$$A = \sqrt{3}s^{2}$$

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$$\frac{Base}{y=\sqrt[3]{x}} \quad y=-\frac{1}{2}x+6 \quad x=0$$

Choss sections are equilateral Δ 's $A = \frac{\sqrt{3}}{4} s^{2}$ $\sqrt{3} \int_{0}^{8} (-\frac{1}{4}x+6-\sqrt{3}x)^{2} dx$



