

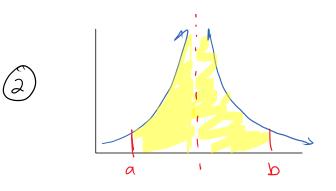
F(x)

7

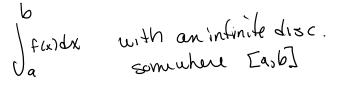
2 types

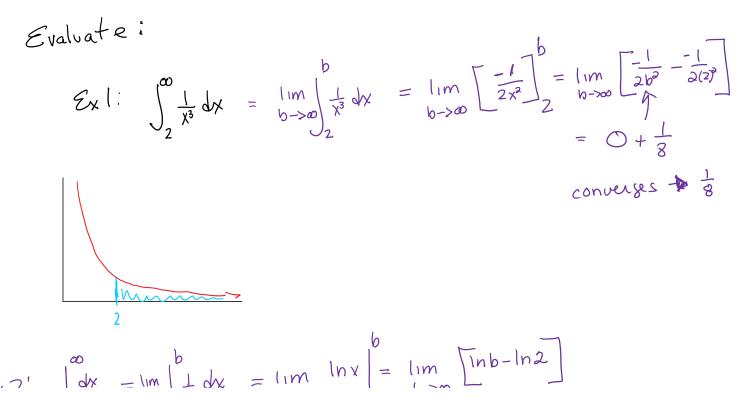
Improper Integnals

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$$E_X Z'$$
,  $\int_{Z}^{\infty} \frac{dx}{X} = \lim_{b \to \infty} \int_{Z}^{b} \frac{dx}{dx} = \lim_{b \to \infty} \ln x \Big|_{Z}^{a} = \lim_{b \to \infty} \lim_{z \to \infty} \int_{Z}^{b} \frac{dx}{dx} = \lim_{b \to \infty} \ln x \Big|_{Z}^{a} = \lim_{b \to \infty} \lim_{z \to \infty} \int_{Z}^{b} \frac{dx}{dx} = \lim_{b \to \infty} \ln x \Big|_{Z}^{a}$ 

$$\mathcal{E}_{X} \mathcal{B}'. \qquad \int_{\partial} \frac{1}{1X} dx = \lim_{\alpha \to 0^{+}} \left| \frac{1}{1X} dx = \lim_{\alpha \to 0^{+}} 2x^{1/2} \right|_{a}^{2} = \lim_{\alpha \to 0^{+}} \left[ 2 - 2a^{1/2} \right] = 2 - 0 = 2$$

