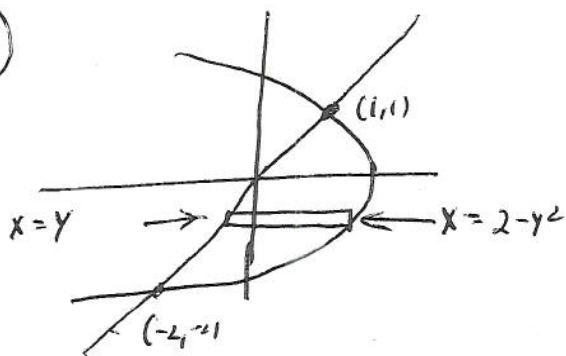
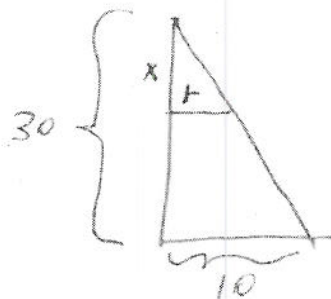
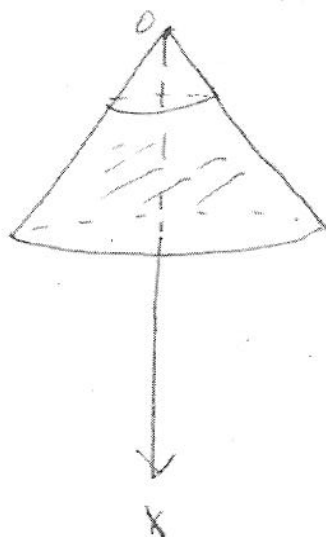


7



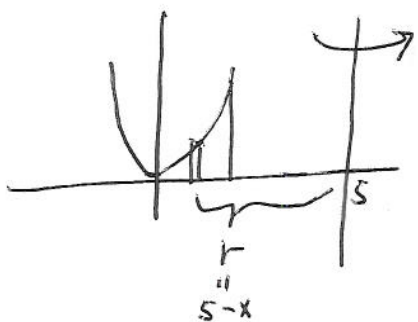
9



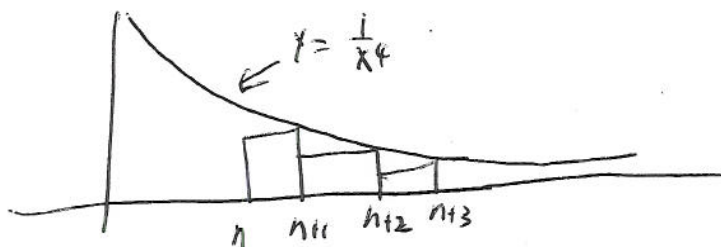
$$\frac{r}{x} = \frac{10}{30}$$

$$r = \frac{1}{3}x$$

10



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Area in boxes \leq Area under curve

$$\sum_{k=1}^{\infty} \frac{1}{2^k} \leq \int_1^{\infty} \frac{1}{x^4} dx$$