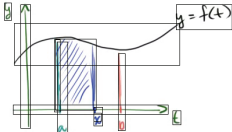


$$\int x^5 dx = \frac{x^{5+1}}{5+1} + C$$

$$= \frac{x^6}{6} + C$$



difference.

$$S - T = S \setminus T = \{x \mid x \in S \wedge x \notin T\} = S \cap \bar{T}$$

If  $S \cap T = \emptyset$ ,  $S$  and  $T$  are called disjoint