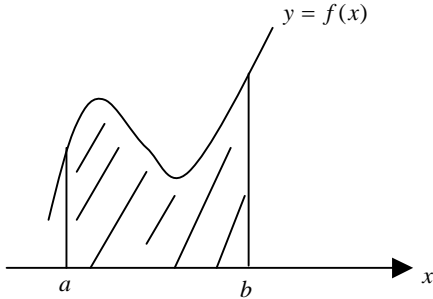


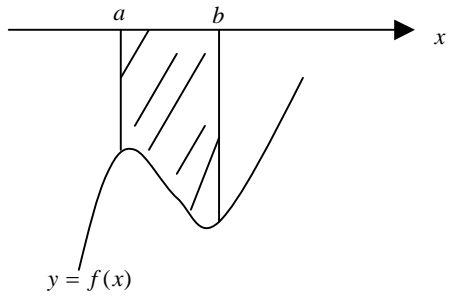
**面積** フローチャート

面積を  $S$  とする。常に上下関係を考える。

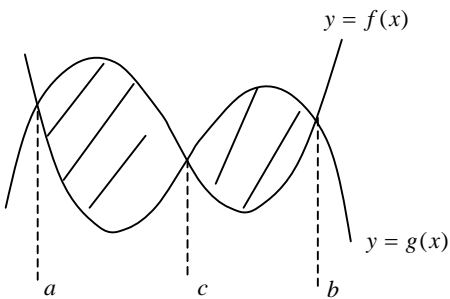
$$\textcircled{1} S = \int_a^b f(x) dx$$



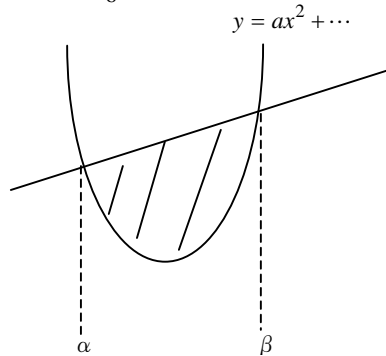
$$\textcircled{2} S = -\int_a^b f(x) dx$$



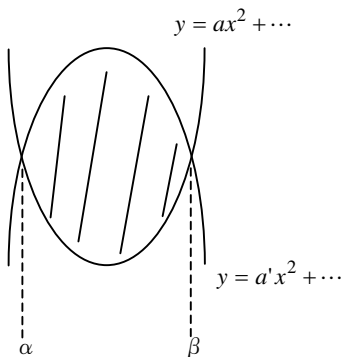
$$\textcircled{3} S = \int_a^c \{f(x) - g(x)\} dx + \int_c^b \{g(x) - f(x)\} dx$$



$$\star \textcircled{4} S = \frac{|a|}{6} (\beta - \alpha)^3$$



$$\star \textcircled{5} S = \frac{|a-a'|}{6} (\beta - \alpha)^3$$



$$\star \textcircled{6} S = \frac{|a|}{12} (\beta - \alpha)^3$$

