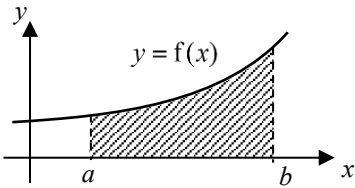
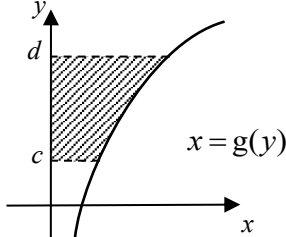
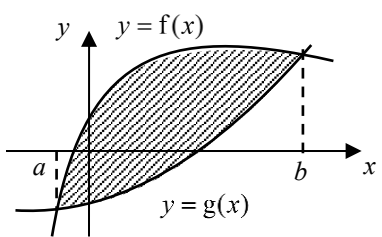
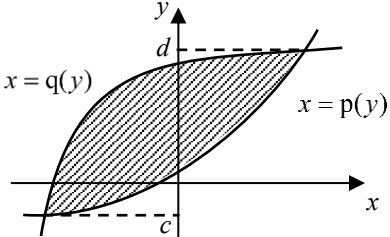
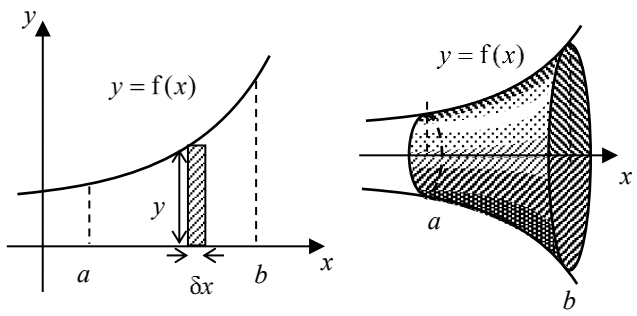
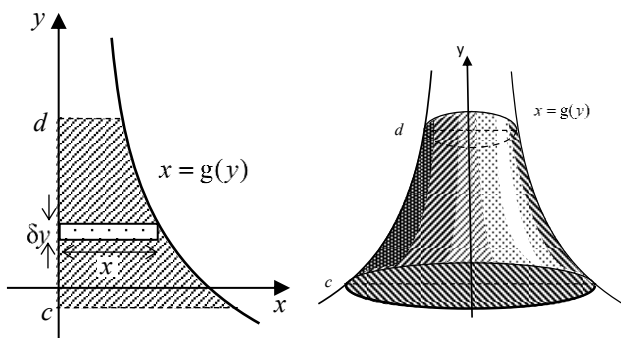


SUMMARY: Definite Integrals

Plane Area

Area bounded by a curve and x-axis	Area bounded by a curve and y-axis
 y is written as a function of x. Area = $\int_a^b f(x) dx$	 x is written as a function of y. Area = $\int_c^d g(y) dy$
 Area bounded by two curves $y = f(x)$ and $y = g(x)$ is $\int_a^b f(x) - g(x) dx$.	 Area bounded by two curves defined as $x = p(y)$ and $x = q(y)$ is $\int_c^d p(y) - q(y) dy$.

Volume of Solid of Revolution

Volume of solid of revolution about x-axis	Volume of solid of revolution about y-axis
 Volume = $\pi \int_a^b y^2 dx$	 Volume = $\pi \int_c^d x^2 dy$

Volume of solid generated by region between two curves

