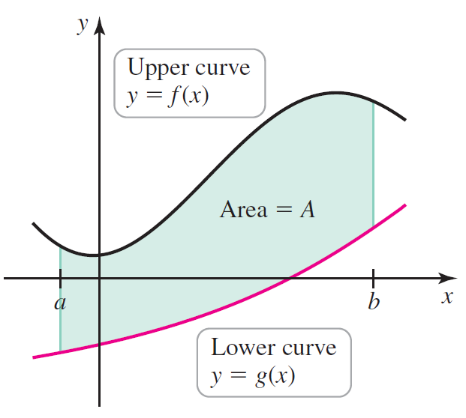
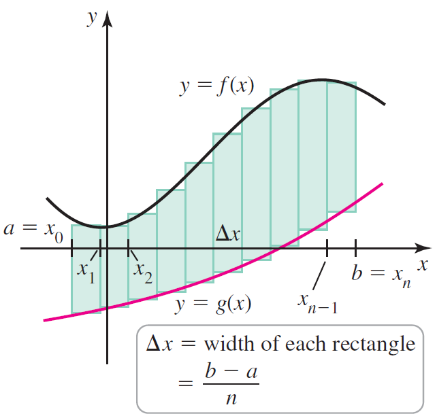
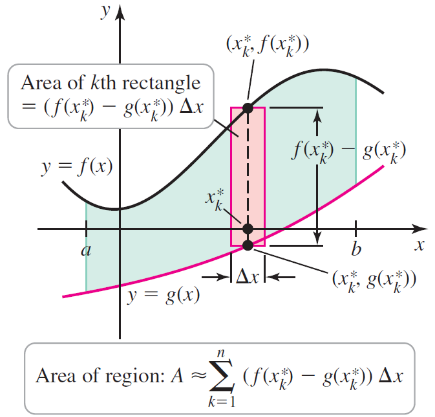
Section 6.2 Regions Between Curves

# Topic 1: Area of a Region Between Two Curves

Suppose that *f* and *g* are continuous functions with on the interval . The area of the region bounded by the graphs of  and  on  is

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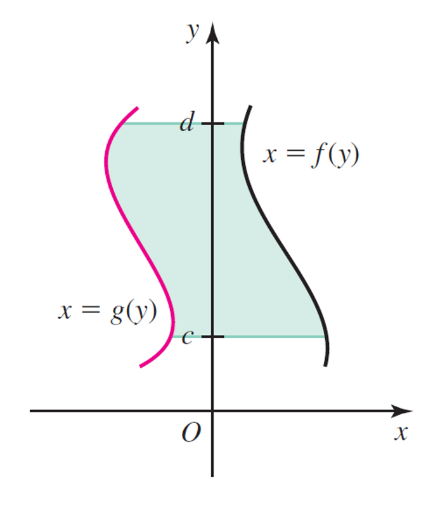
  

# Topic 2: Integrating with Respect to

**Area of a Region Between Two Curves with Respect to**

Suppose that *f* and *g* are continuous functions with on the interval . The area of the region bounded by the graphs of  and  on  is

.

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