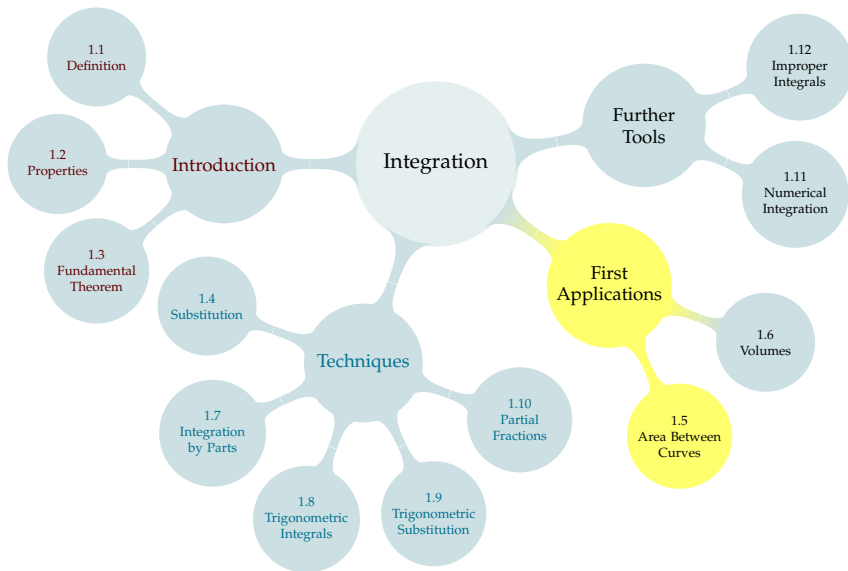
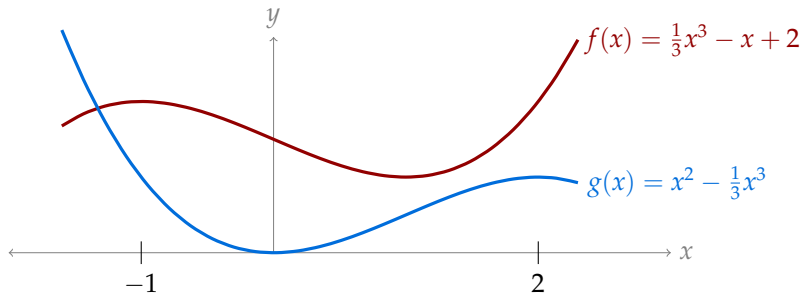


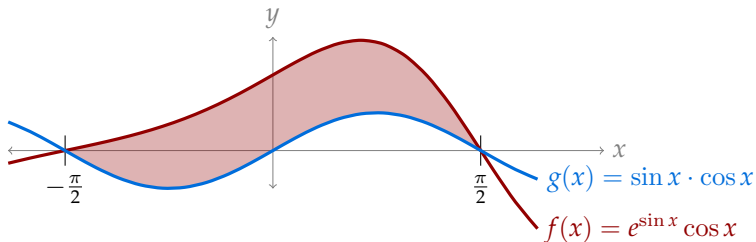
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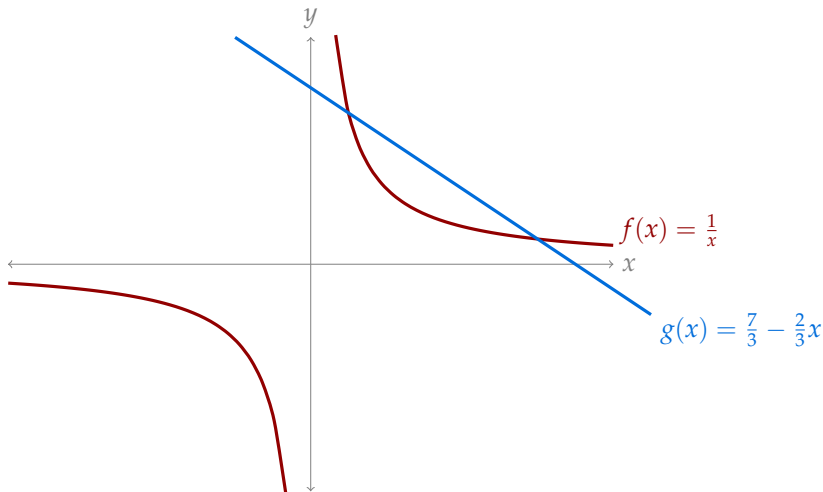
Find the area between  $f(x)$  and  $g(x)$  from  $x = -1$  to  $x = 2$ .



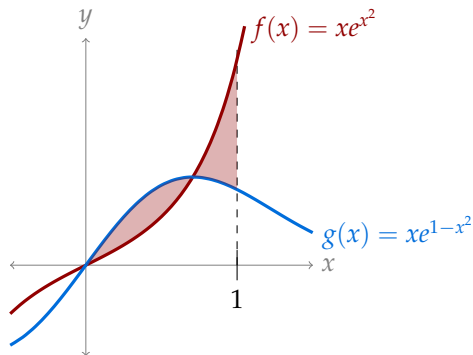
Find the (unsigned) area between  $f(x)$  and  $g(x)$  from  $x = -\frac{\pi}{2}$  to  $x = \frac{\pi}{2}$ .



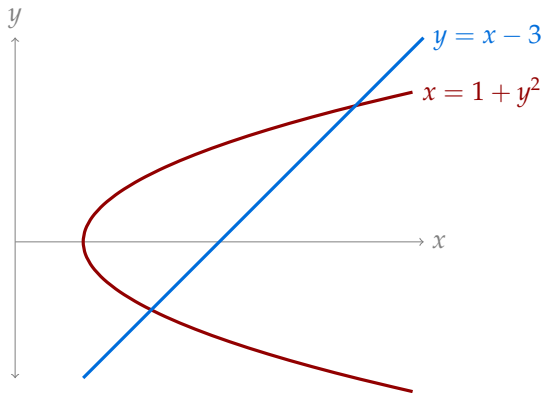
Find the (unsigned) area of the finite region bounded by  $f(x)$  and  $g(x)$ .



Find the (unsigned) area in the figure below between the curves  $f(x)$  and  $g(x)$  from  $x = 0$  to  $x = 1$ .



Set up, but do not evaluate, integral(s) to find the (unsigned) area of the finite region bounded by  $x = 1 + y^2$  and  $y = x - 3$ .



Set up, but do not evaluate, integral(s) to find the (unsigned) area of the finite region bounded by  $x = 1 + y^2$  and  $y = x - 3$ .

