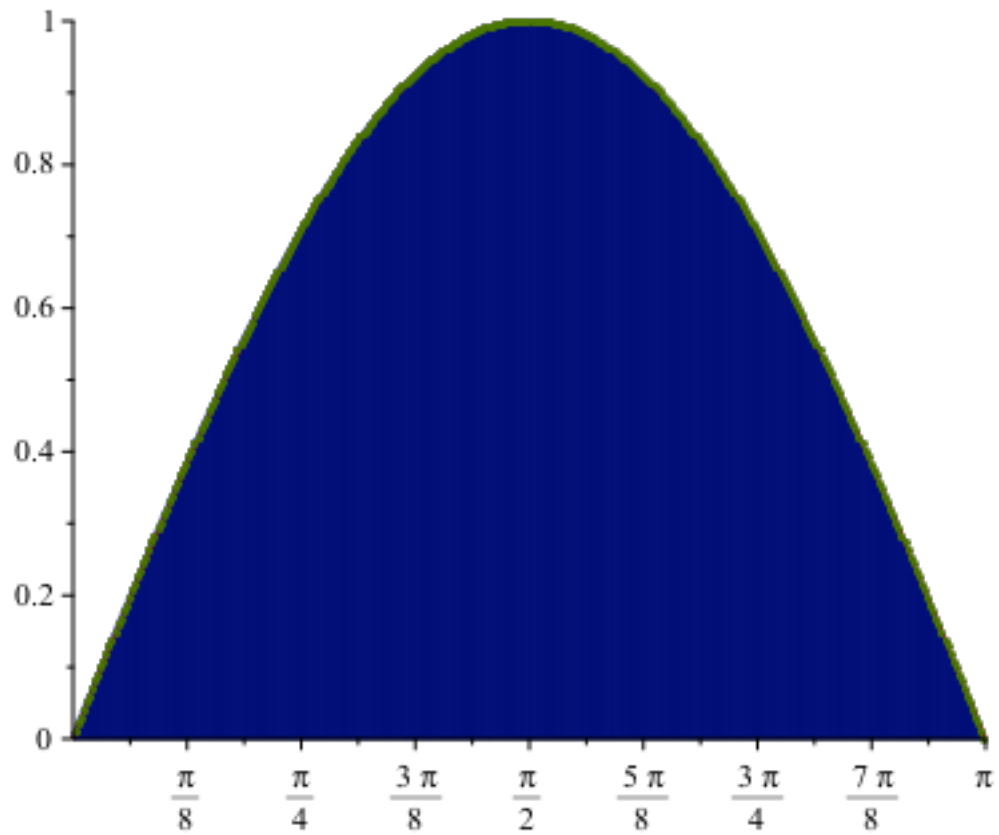
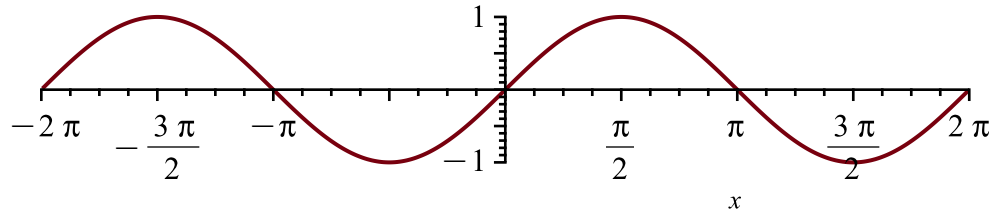


RiemannSum(sin(x), 0 .. Pi, 'partition' = 10, 'method' = right, 'partitiontype' = normal, 'output' = 'animation', 'boxoptions' = ['filled' = ['transparency'=.5]]);



An animated right Riemann sum approximation of $\int_0^{\pi} f(x) dx$, where $f(x) = \sin(x)$

with(Student[Calculus1]) :
with(plots) :
plot(sin(x), scaling = constrained)



$$\int_0^{2 \cdot \text{Pi}} |\sin(x)| \, dx$$

4

(1)

`plot(abs(sin(x)), scaling = constrained)`

