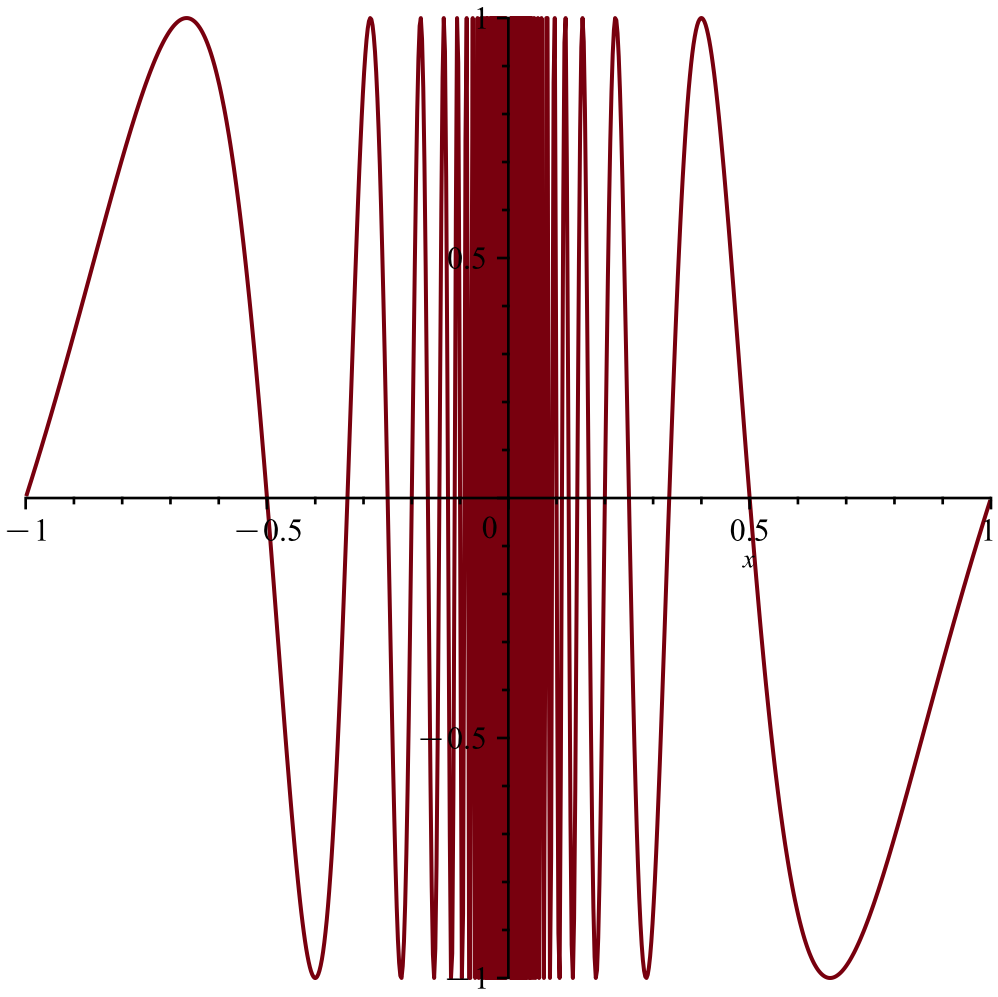
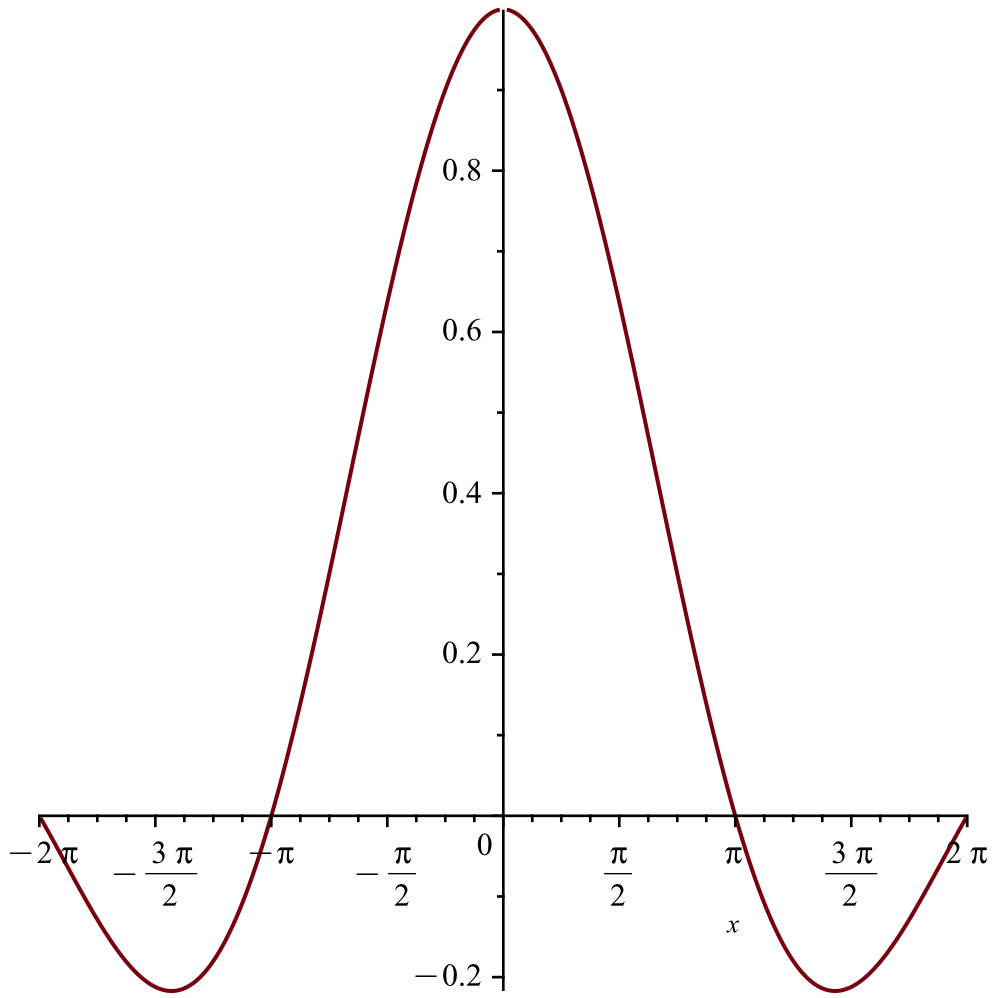
$with(plots):$

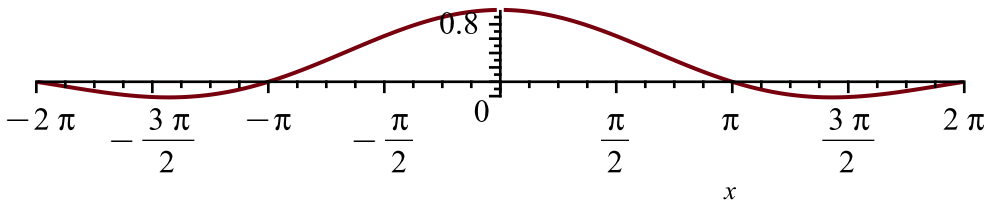
$plot\left(\sin\left(\frac{\mathrm{Pi}}{x}\right), x = -1..1, discont = true\right)$



$plot\left(\frac{\sin(x)}{x}, x = -2\cdot\mathrm{Pi}..2\cdot\mathrm{Pi}, discont = true\right)$



$$plot\left(\frac{\sin(x)}{x}, x = -2\cdot \mathrm{Pi}\,..\,2\cdot \mathrm{Pi}, discont = true, scaling = constrained\right)$$


0.8
0
$-2\,\pi$
$-\frac{3\,\pi}{2}$
$-\pi$
$-\frac{\pi}{2}$
$\frac{\pi}{2}$
π
$\frac{3\,\pi}{2}$
$2\,\pi$
x