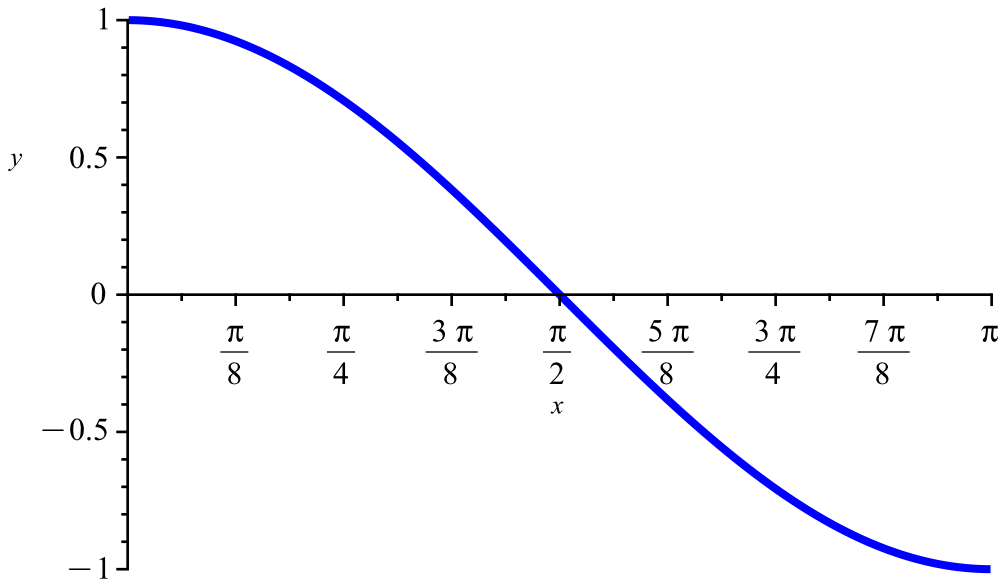
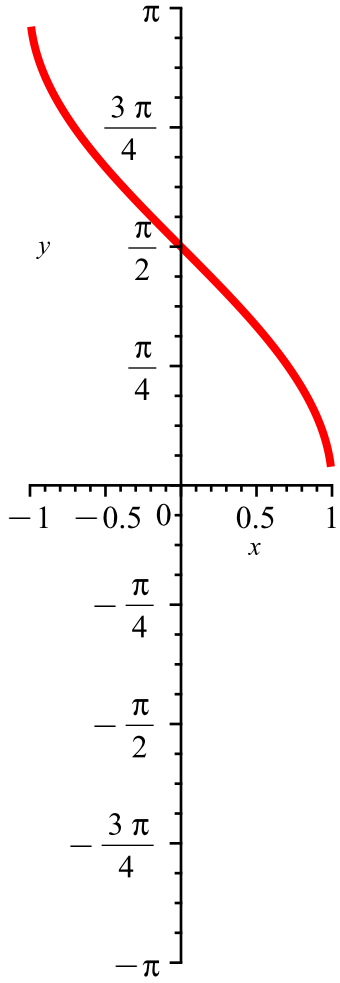
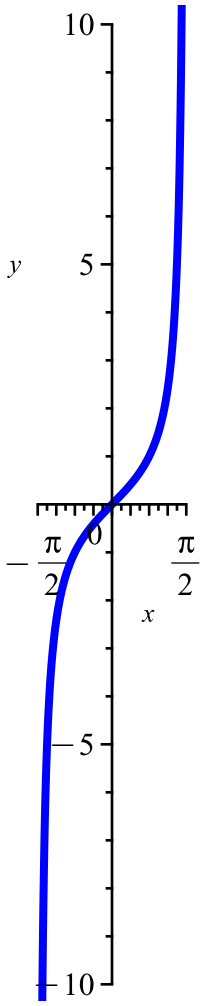
```
with(plots):
cosineplot := plot(cos(x), x = 0 .. Pi, y = -1 ..1, color = blue, thickness = 3, scaling = constrained)
```



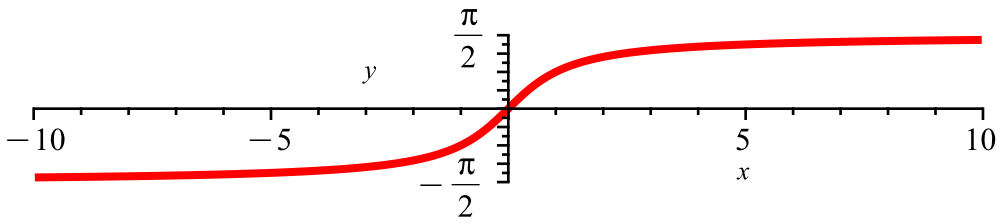

```
arccosineplot := plot(arccos(x), x = -1 .. 1, y = -Pi ..Pi, color = red, thickness = 3, scaling
    = constrained)
```



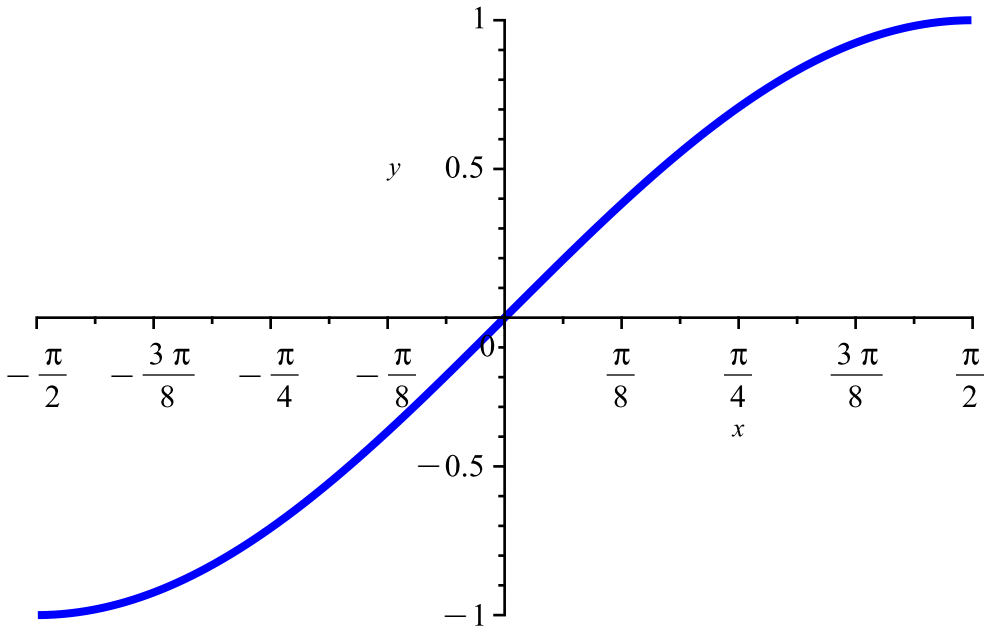
$$tanplot := plot\left(\tan(x), x = -\frac{Pi}{2} .. \frac{Pi}{2}, y = -10 .. 10, color = blue, thickness = 3, scaling = constrained\right)$$



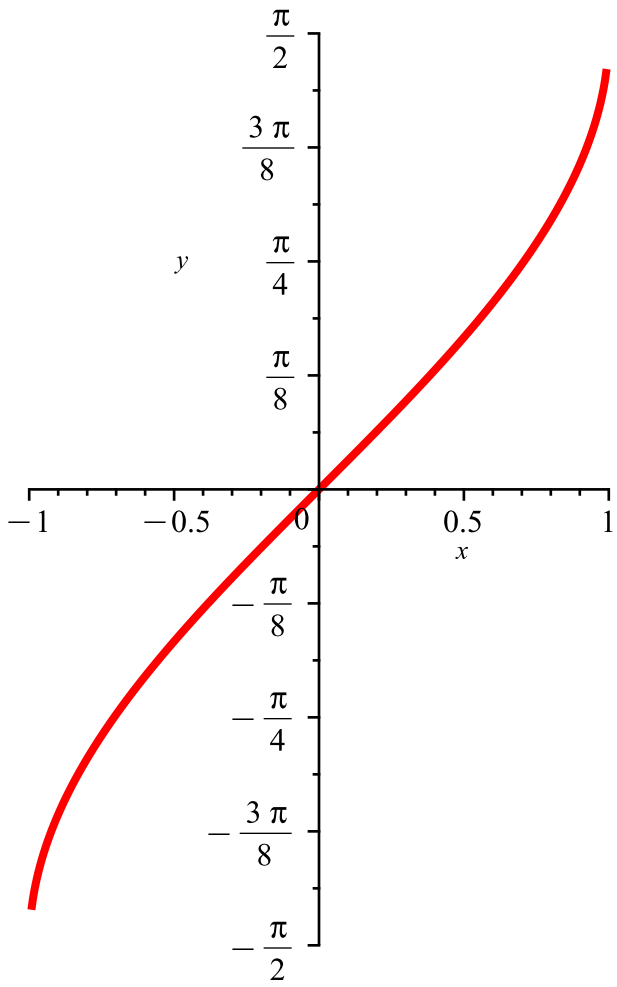
$$arctanplot := plot\left(\arctan(x), x = -10..10, y = -\frac{Pi}{2}..\frac{Pi}{2}, color = red, thickness = 3, scaling = constrained\right)$$



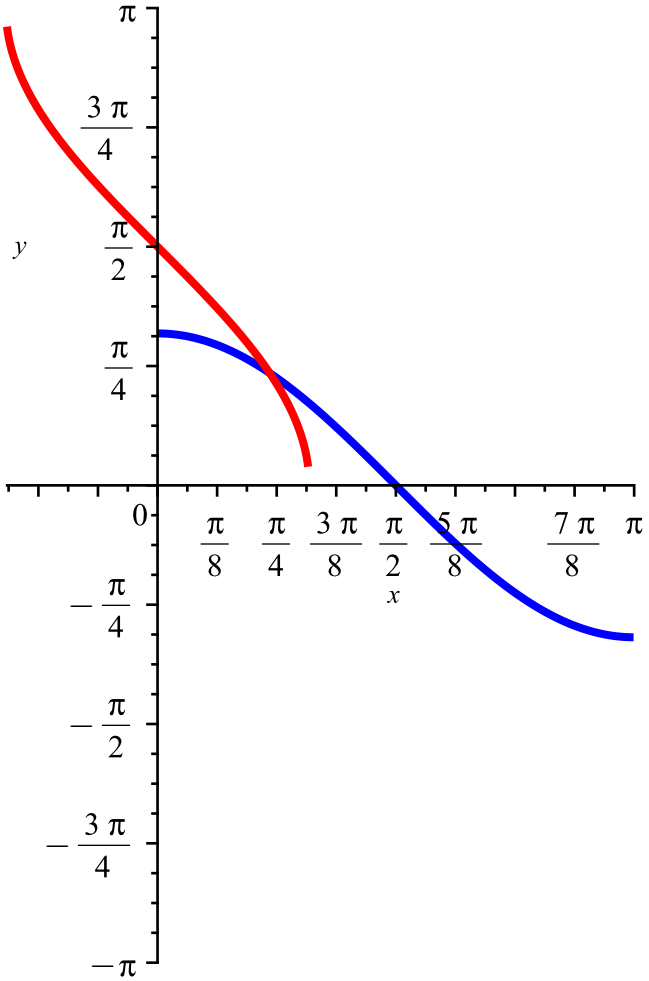
$$sineplot := plot\left(\sin(x), x = -\frac{\mathrm{Pi}}{2}..\frac{\mathrm{Pi}}{2}, y = -1..1, color = blue, thickness = 3, scaling = constrained\right)$$



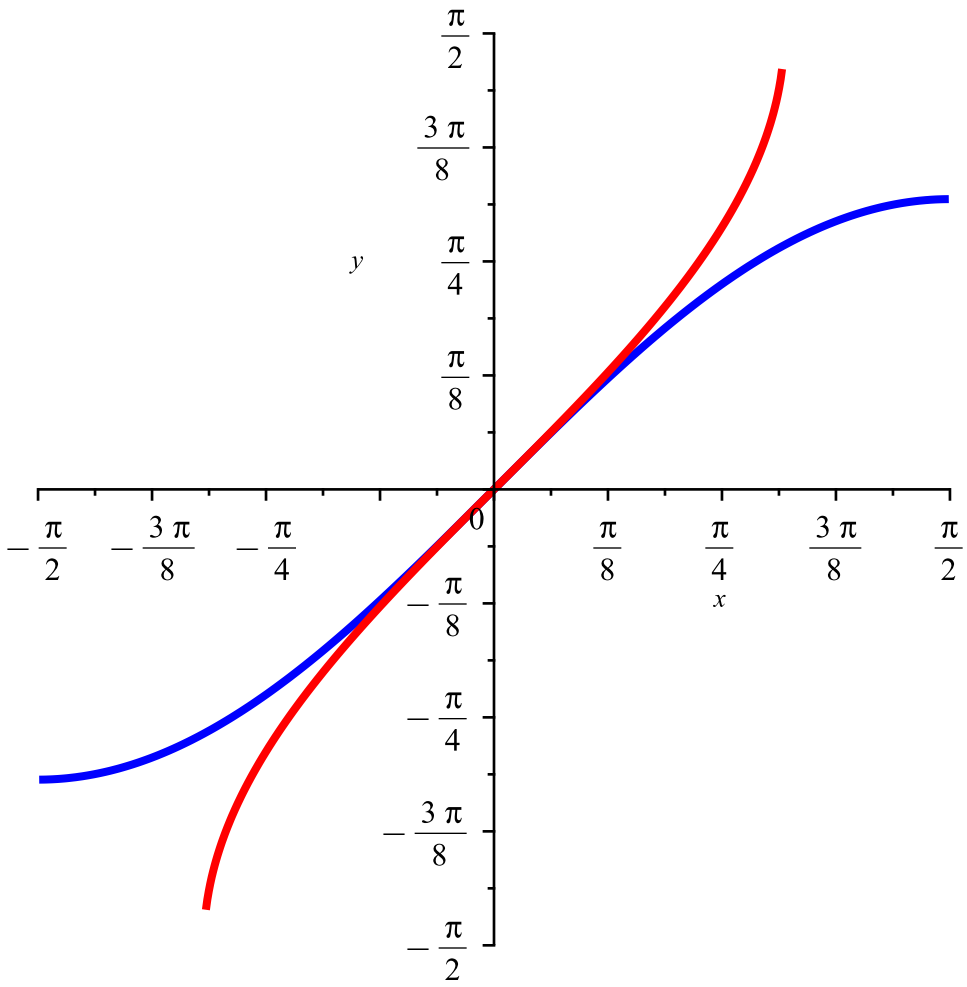
$$arcsineplot := plot\left(\arcsin(x), x = -1 .. 1, y = -\frac{\mathrm{Pi}}{2} .. \frac{\mathrm{Pi}}{2}, color = red, thickness = 3, scaling = constrained\right)$$



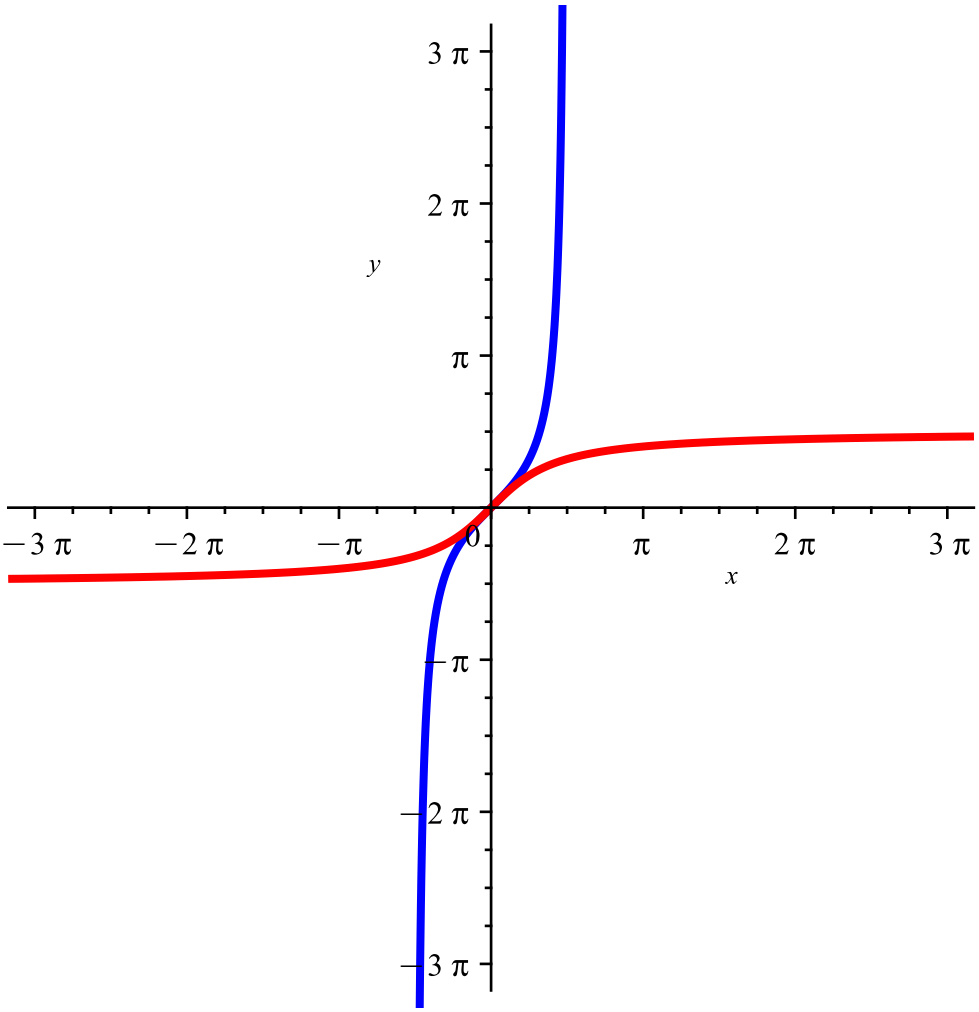
display([*cosineplot*, *arccosineplot*])



display([*sineplot*, *arcsineplot*])



display([*tanplot*, *arctanplot*])


3 π
2 π
y
π
−3 π
−2 π
−π
0
π
2 π
3 π
x
−π
−2 π
−3 π