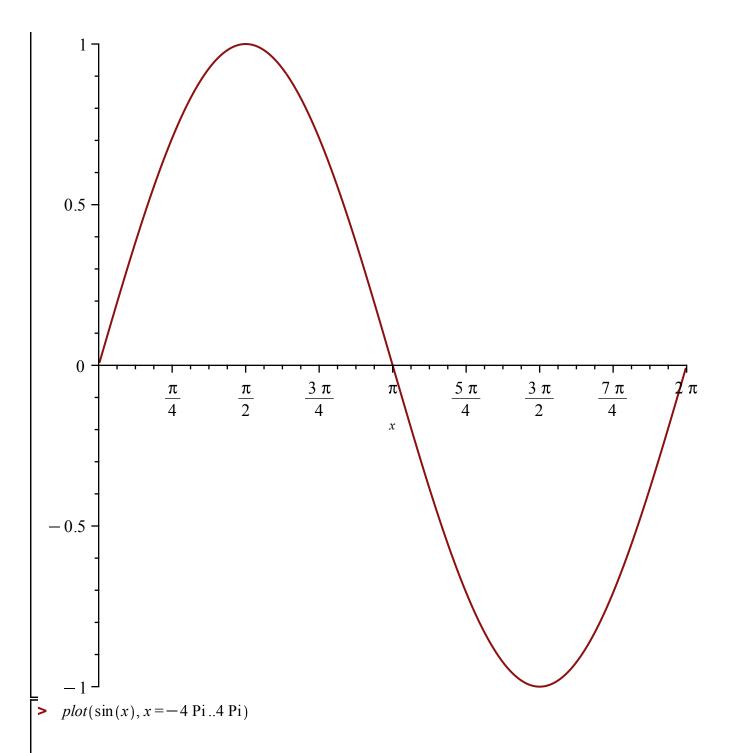
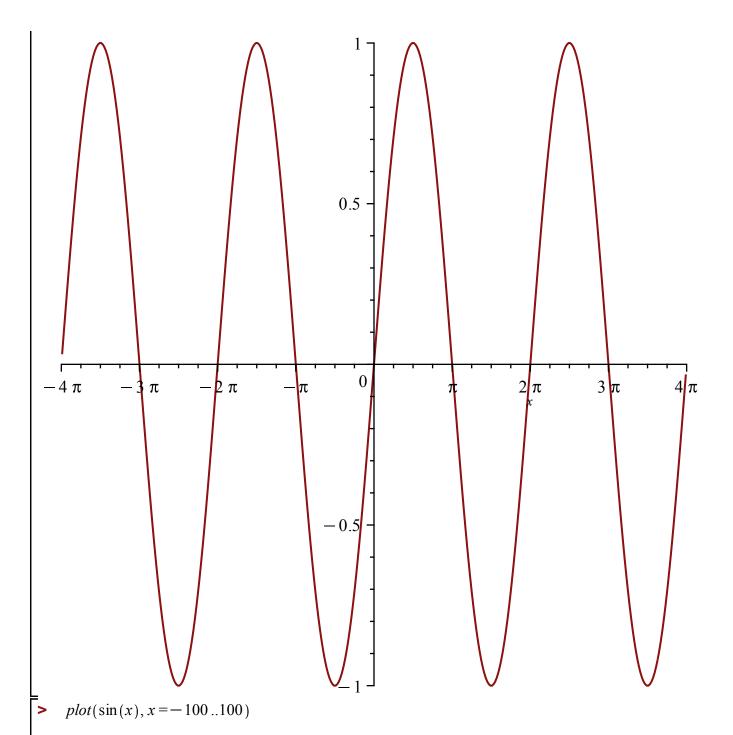
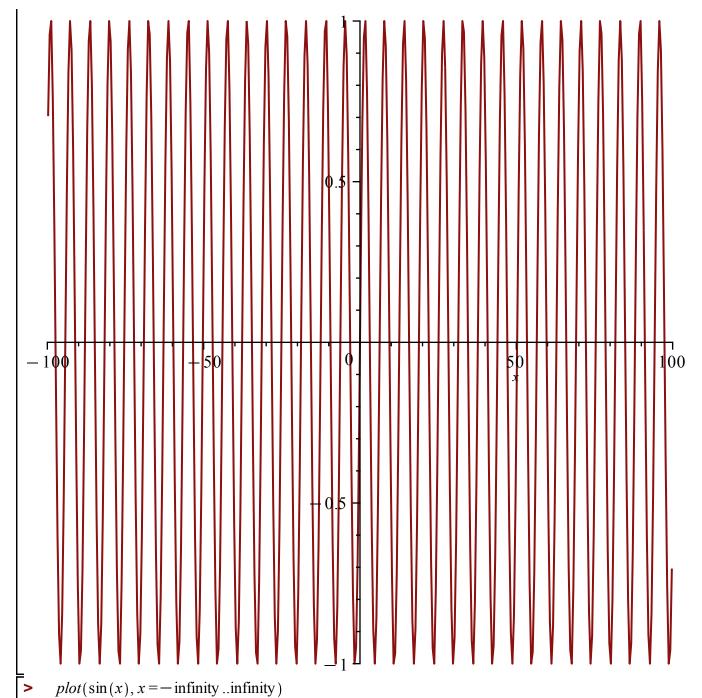
$$\begin{vmatrix} 2 & evalf\left(\exp(1)\right) & 0.5000000000 & (1) \\ 2 & evalf\left(\exp(1)\right) & 2.718281828 & (2) \\ 2 & evalf\left(\operatorname{Sqrt}(3)\right) & 1.732050808 & (3) \\ 2 & evalf\left(\operatorname{Pi}\right) & 3.141592654 & (4) \\ 2 & expr := (x^2 + 2 \cdot x + 1) \cdot (x^2 - 1) & expr := (x^2 + 2 \cdot x + 1) \cdot (x^2 - 1) & (5) \\ 2 & expand\left(\exp r\right) & x^4 + 2 \cdot x^3 - 2 \cdot x - 1 & (6) \\ 2 & expr := (x + n)^5 & expr := (x + n)^5 & (7) \\ 2 & expand\left(\exp r\right) & x^5 + 5 \cdot n^4 x + 10 \cdot n^3 x^2 + 10 \cdot n^2 x^3 + 5 \cdot n \cdot x^4 + x^5 & (8) \\ 2 & expr := 'expr' & expr := expr & (9) \\ 3 & expr := 'expr' & expr := expr & (9) \\ 3 & a := factor\left(\frac{(2 \cdot x^2 \cdot 2)}{x^2 \cdot 3 - 1}\right) & (10) \\ 3 & a := \frac{2 \cdot x^2}{(x - 1) \cdot (x^2 + x + 1)} & (11) \\ 3 & b := factor\left(\frac{3 \cdot x}{x^2 - 1}\right) & b := \frac{3 \cdot x}{(x - 1) \cdot (x^2 + x + 1)} & (12) \\ 3 & a + b & \frac{2 \cdot x^2}{(x - 1) \cdot (x^2 + x + 1)} + \frac{3 \cdot x}{(x - 1) \cdot (x + 1)} & (13) \\ 3 & factor(a + b) & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & (14) \\ 3 & simplify (\cos(x)^2 + \sin(x)^2 2, trig) & 1 & (15) \\ 3 & simplify (\cos(x)^2 + \sin(x)^2 2) & 1 & (16) \\ 3 & \frac{x \cdot (x - 1) \cdot (x - 1)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x^2 + x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x + 1) \cdot (x + 1)} & \frac{x \cdot (5 \cdot x^2 + 5 \cdot x + 3)}{(x - 1) \cdot (x + 1)$$

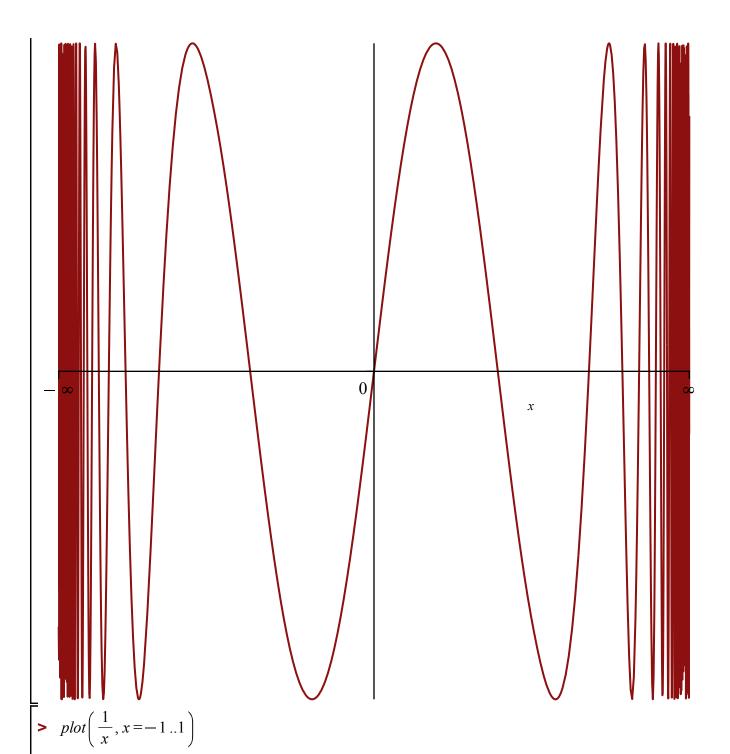
```
\Rightarrow expr := exp(x) + ln(x)
                                        expr := e^x + \ln(x)
                                                                                                      (17)
\rightarrow eval(expr, x = 1)
                                                                                                      (18)
                                                  e
\rightarrow subs (x = 1, expr)
                                              e + ln(1)
                                                                                                      (19)
expr := (x^2 - 4 \cdot x + 3) = 0
expr := x^2 - 4x + 3 = 0
                                                                                                      (20)
   solve(expr, x)
                                                 3, 1
                                                                                                      (21)
> solve(x^2 \cdot y + 2 \cdot y - x = 0, y)
                                                                                                      (22)
   solve(x^2 \cdot y + 2 \cdot y - x = 0, x)
                                                                                                      (23)
   fsolve(x - \cos(x) = 0, x)
                                            0.7390851332
                                                                                                      (24)
> fsolve(x^5 - 3 \cdot x^3 - 1 = 0, x)
                    -1.668777593, -0.7418139305, 1.782308780
                                                                                                      (25)
                                      eq1 := 4x + 3y = 10
                                                                                                      (26)
eq2 := 3 x - y = 1
                                        eq2 := 3 x - y = 1
                                                                                                      (27)
> solve({eq1, eq2}, {x, y})
                                           {x=1, y=2}
                                                                                                      (28)
f \coloneqq x \mapsto \mathrm{e}^x - \sin(x)
                                                                                                      (29)
> f(0)
                                                                                                      (30)
                                            e^{-1} + \sin(1)
                                                                                                      (31)
\rightarrow eval(f(-1))
                                            e^{-1} + \sin(1)
                                                                                                      (32)
\rightarrow \sin(0)
                                                  0
                                                                                                      (33)
> \sin(1)
                                                                                                      (34)
                                                \sin(1)
                                                                                                      (35)
```

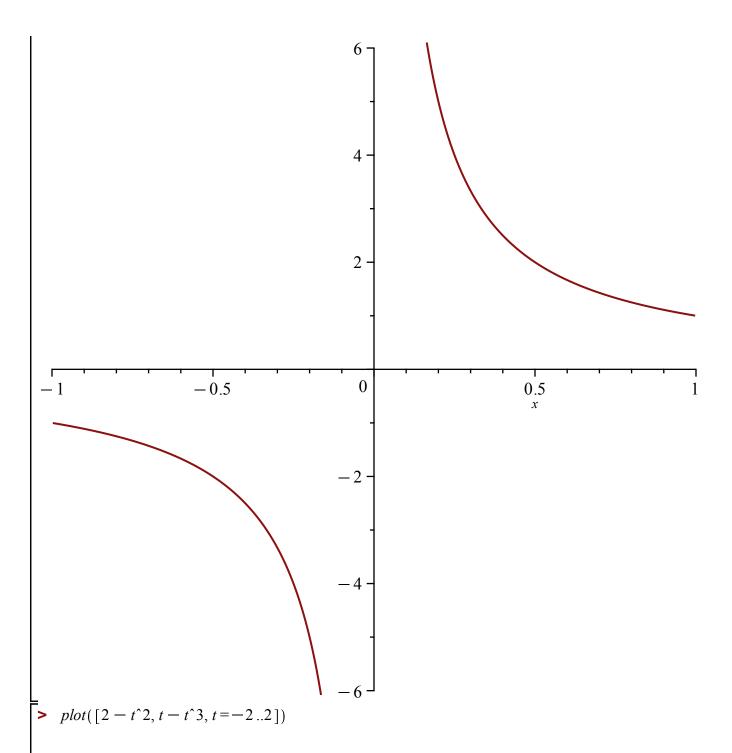


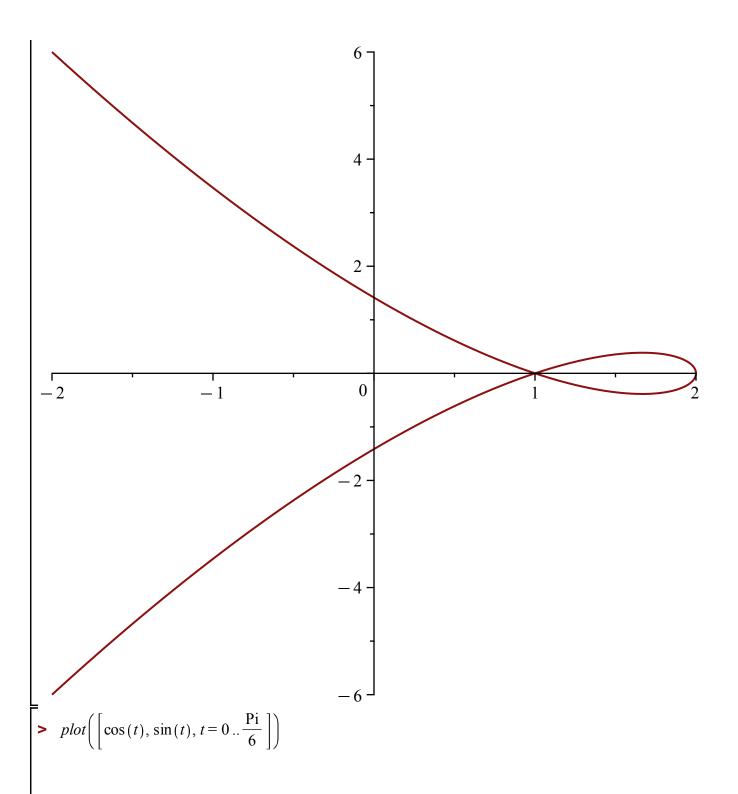


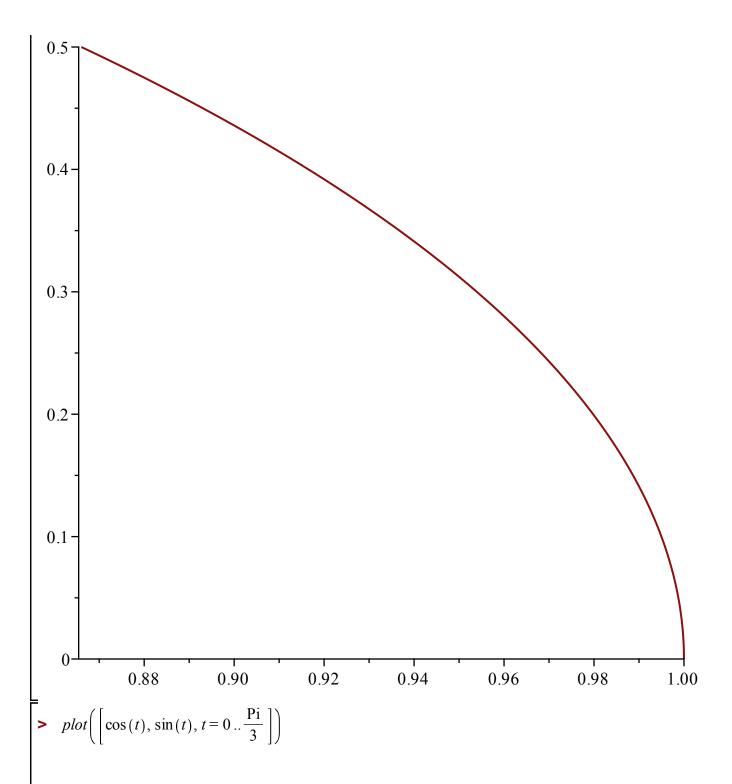


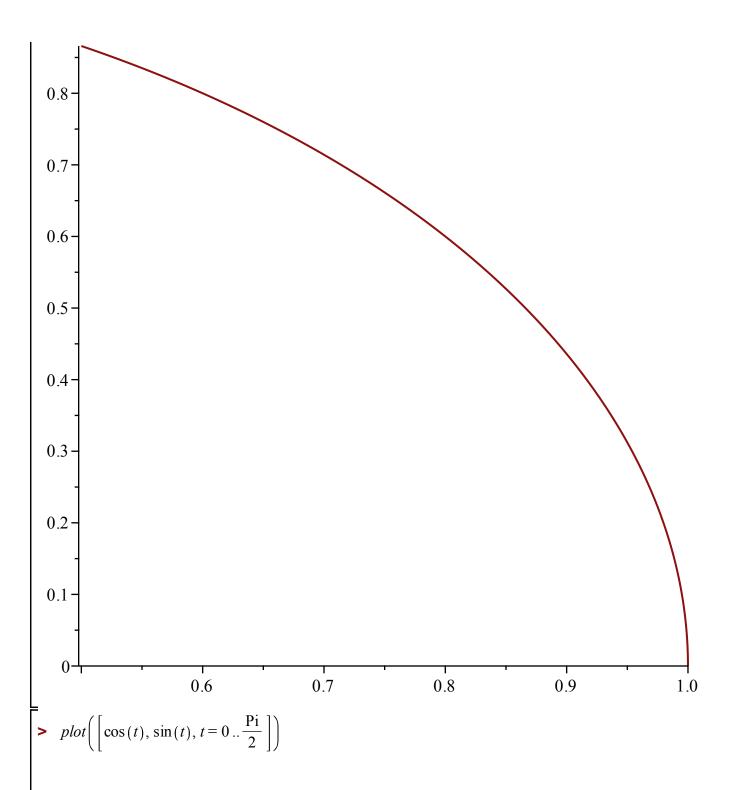
 $plot(\sin(x), x = -\inf \text{infinity ..infinity})$

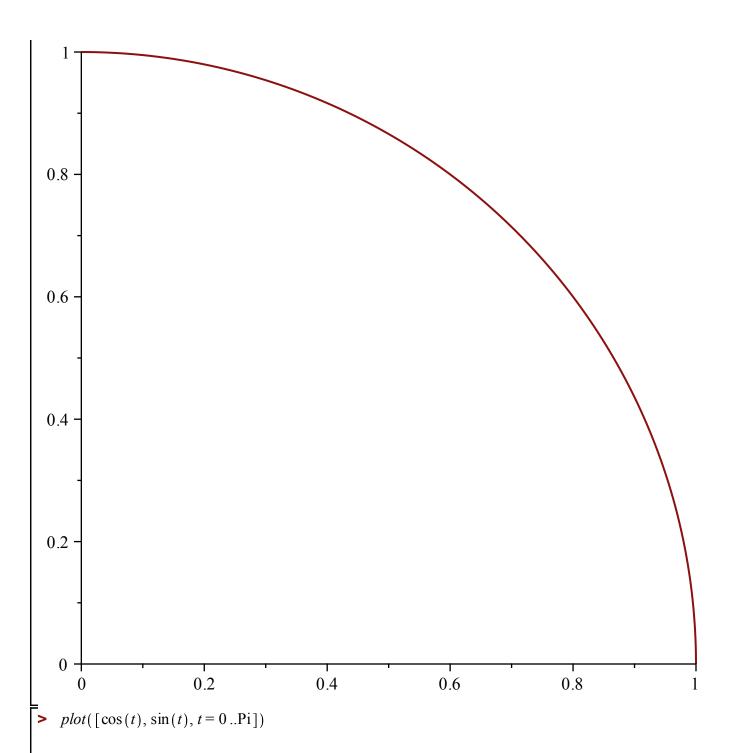


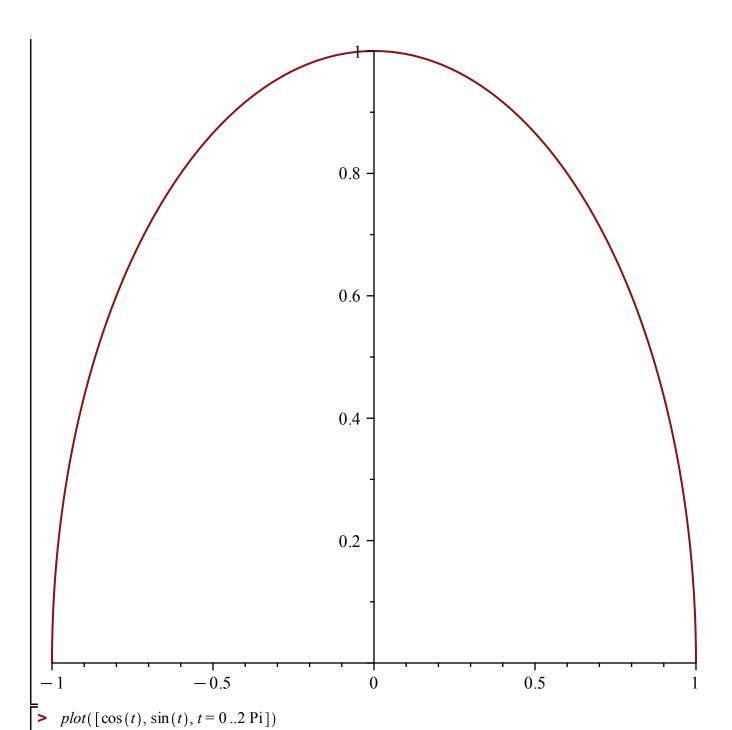


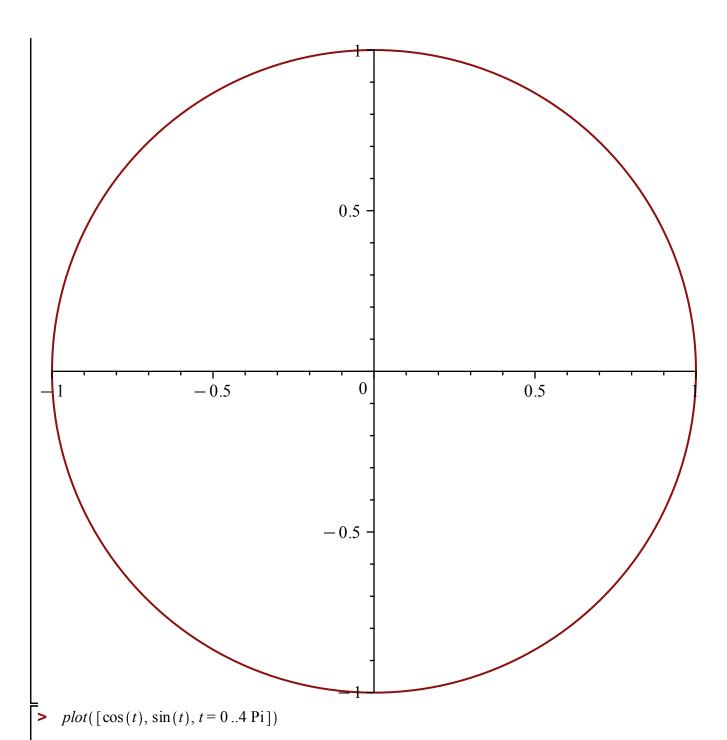


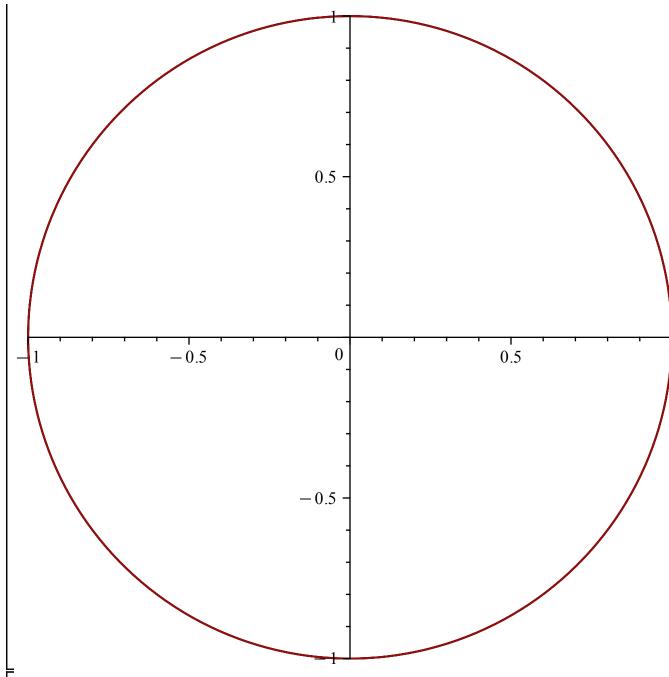




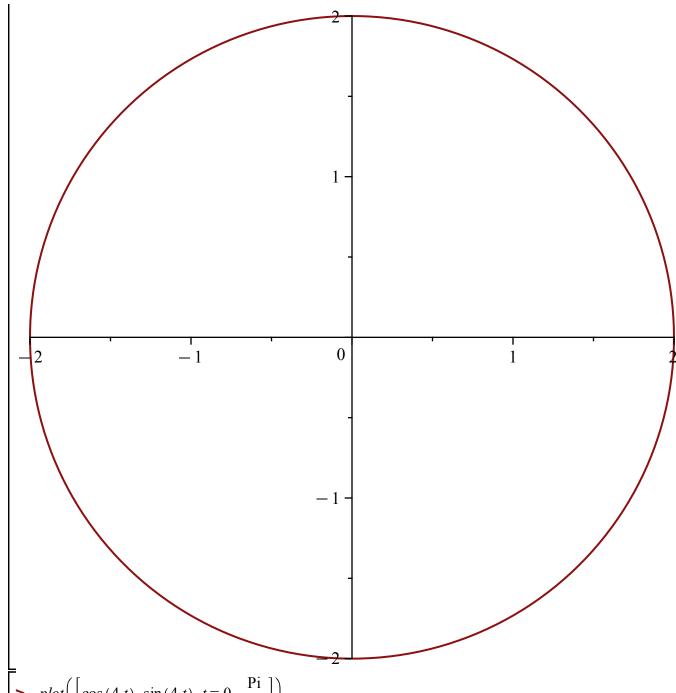




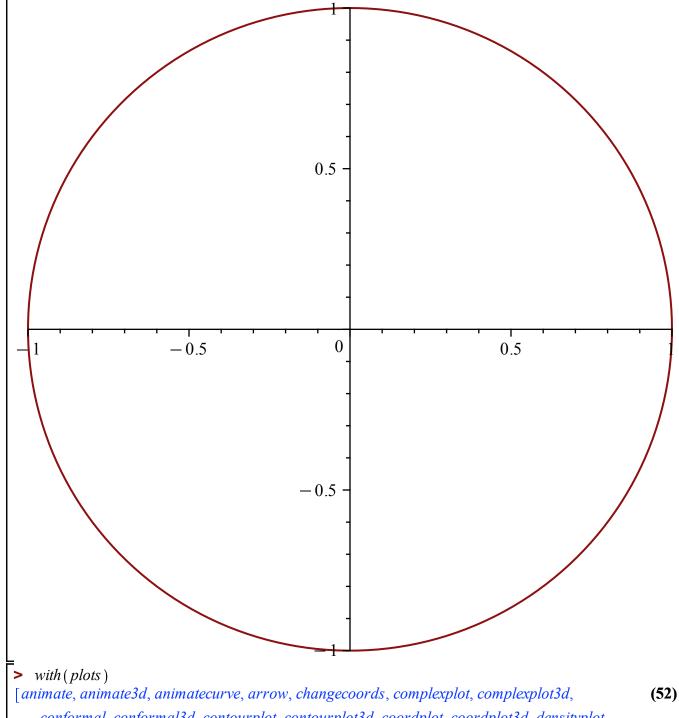




>
$$plot\left(\left[2\cos\left(\frac{t}{3}\right), 2\sin\left(\frac{t}{3}\right), t=0..6 \text{ Pi}\right]\right)$$

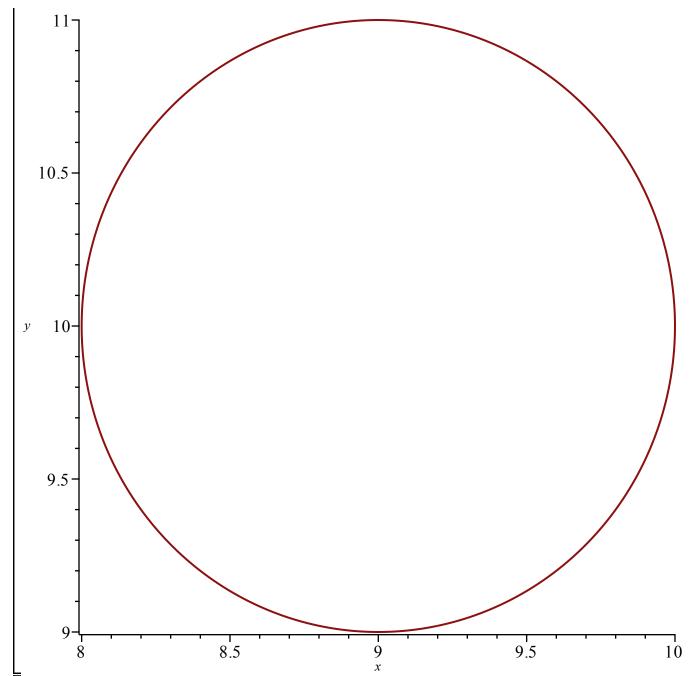


>
$$plot\left(\left[\cos(4t),\sin(4t),t=0..\frac{\text{Pi}}{2}\right]\right)$$

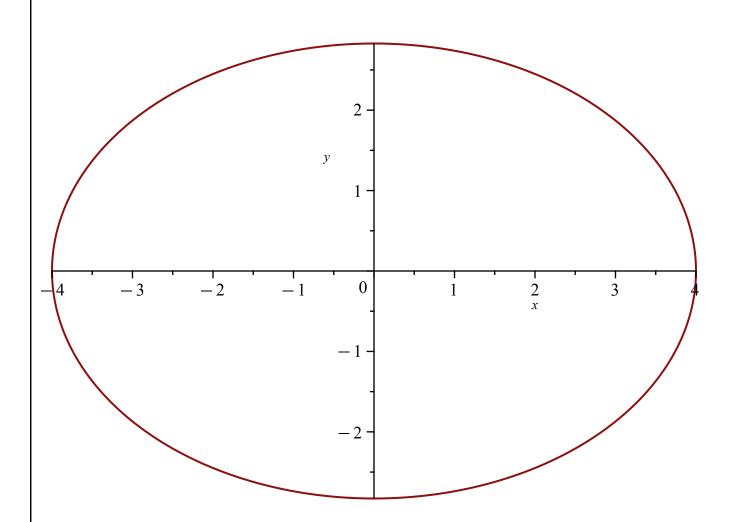


[animate, animate3d, animatecurve, arrow, changecoords, complexplot, complexplot3d, conformal, conformal3d, contourplot, contourplot3d, coordplot, coordplot3d, densityplot, display, dualaxisplot, fieldplot, fieldplot3d, gradplot, gradplot3d, implicitplot, implicitplot3d, inequal, interactive, interactiveparams, intersectplot, listcontplot, listcontplot3d, listdensityplot, listplot, listplot3d, loglogplot, logplot, matrixplot, multiple, odeplot, pareto, plotcompare, pointplot, pointplot3d, polarplot, polygonplot, polygonplot3d, polyhedra_supported, polyhedraplot, rootlocus, semilogplot, setcolors, setoptions, setoptions3d, shadebetween, spacecurve, sparsematrixplot, surfdata, textplot, textplot3d, tubeplot]

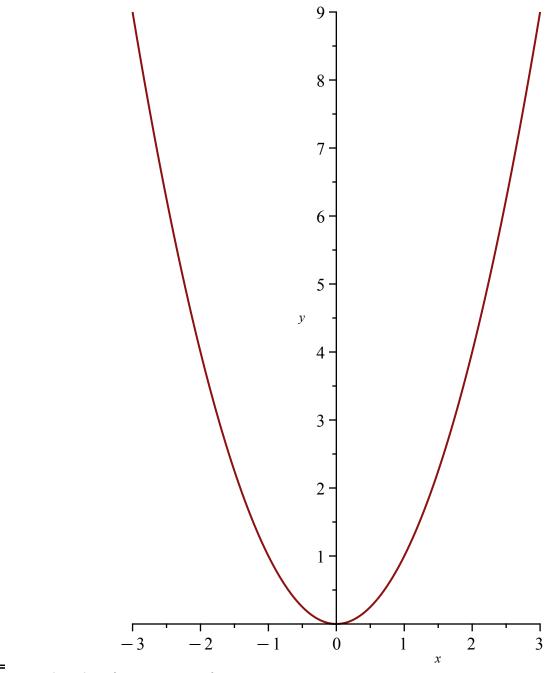
• $implicitplot((x-9)^2 + (y-10)^2 = 1, x = 8..10, y = -9..11)$



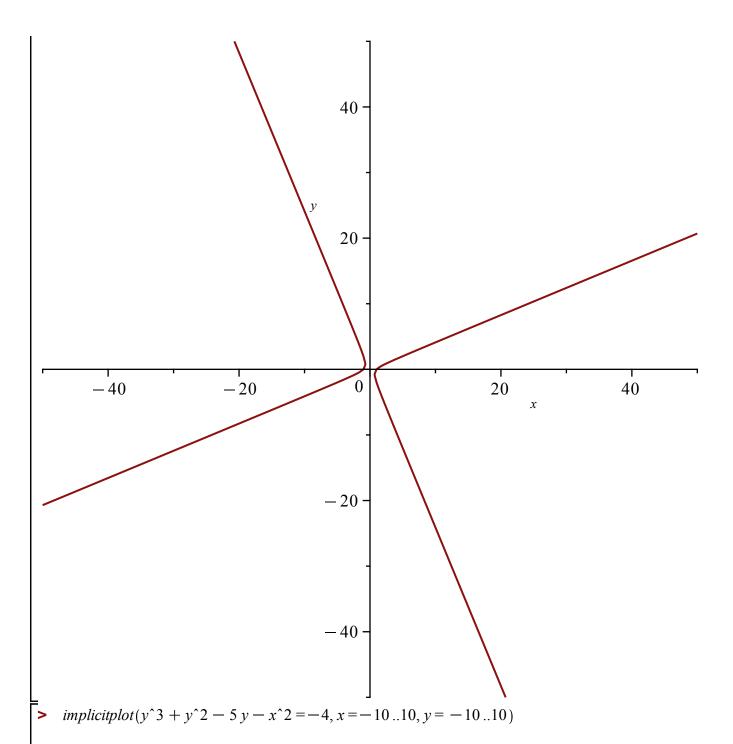
> $implicitplot \left(\frac{1}{8} (x^2) + \frac{1}{4} \cdot y^2 = 2, x = -10..10, y = -10..10, scaling = constrained \right)$

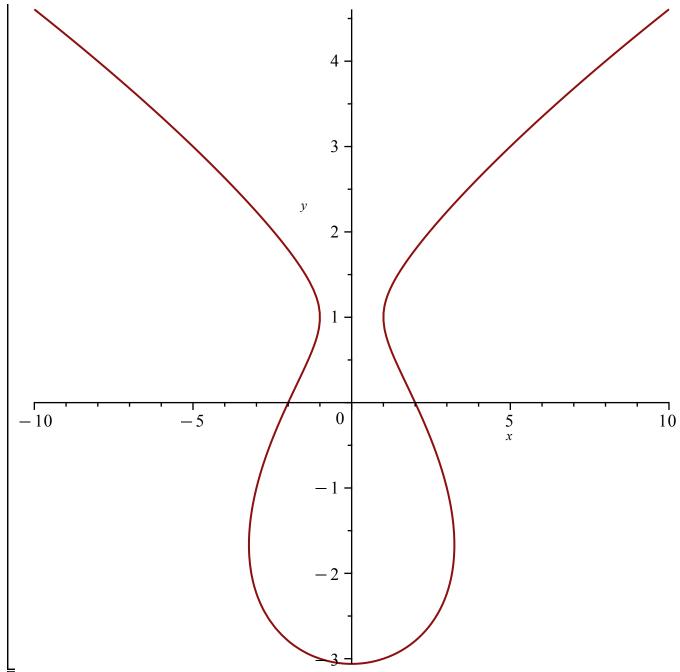


implicit plot $(y = x^2, x = -3..3, y = 0..10, scaling = constrained)$



 $= implicitplot(x^2 - 2x \cdot y - y^2 = 1, x = -50..50, y = -50..50)$





> animate3d($t \cdot x^2 + t \cdot y^2$, x = -5 ...5, y = -5 ...5, t = 1 ...1.1)

