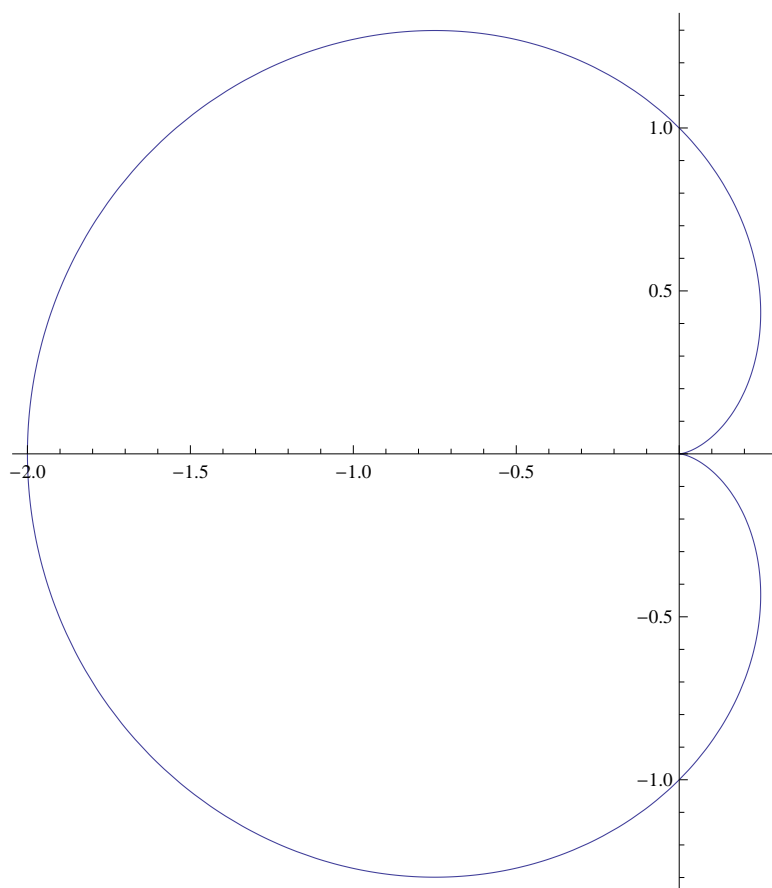
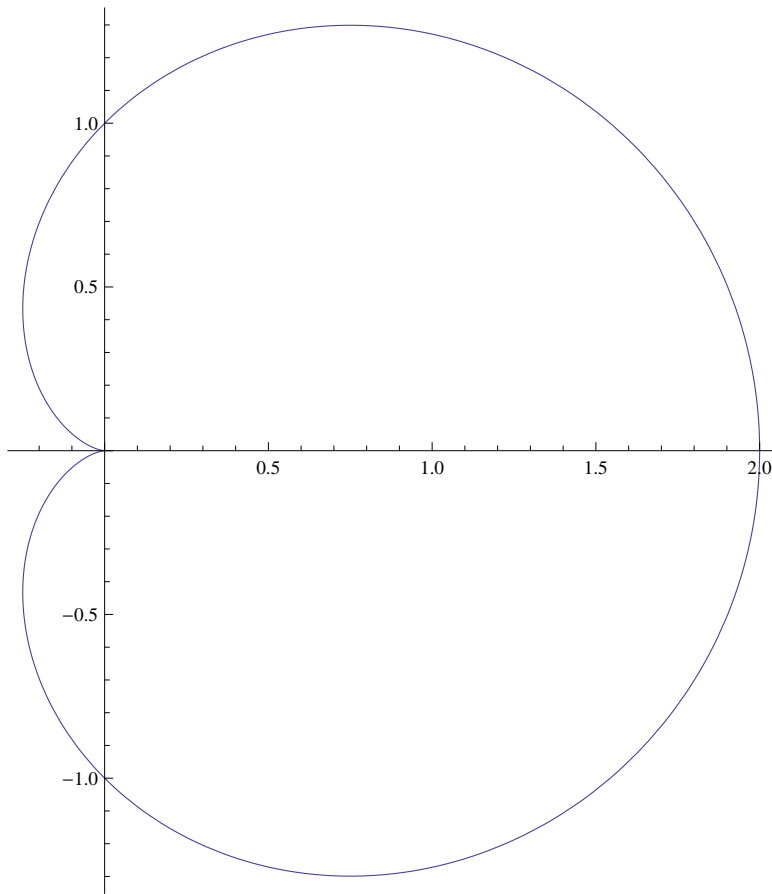


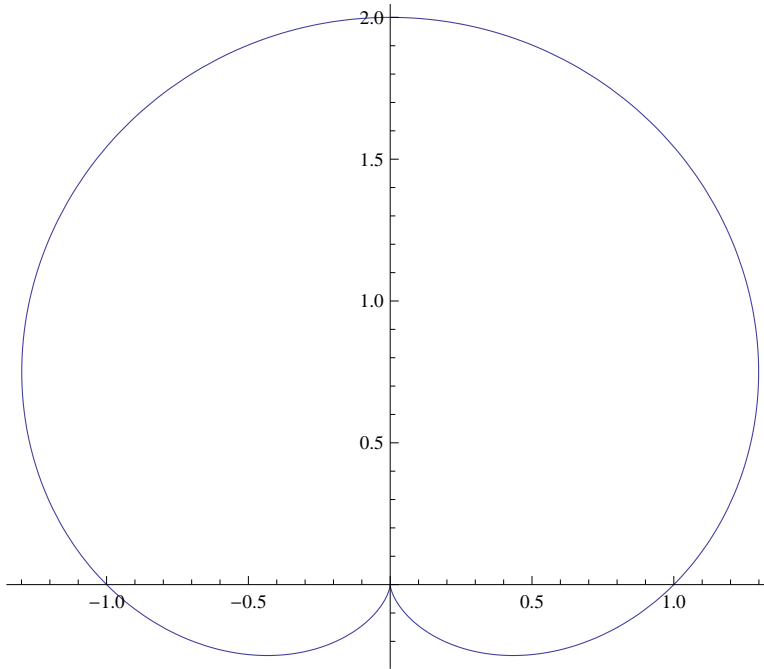
`PolarPlot[1 - Cos[t], {t, 0, 2 Pi}]`



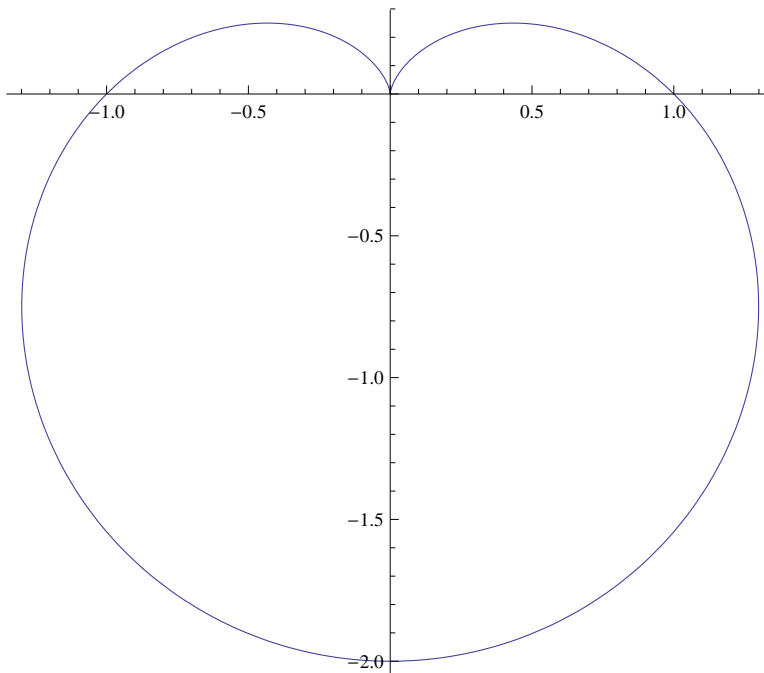
```
PolarPlot[1 + Cos[t], {t, 0, 2 Pi}]
```



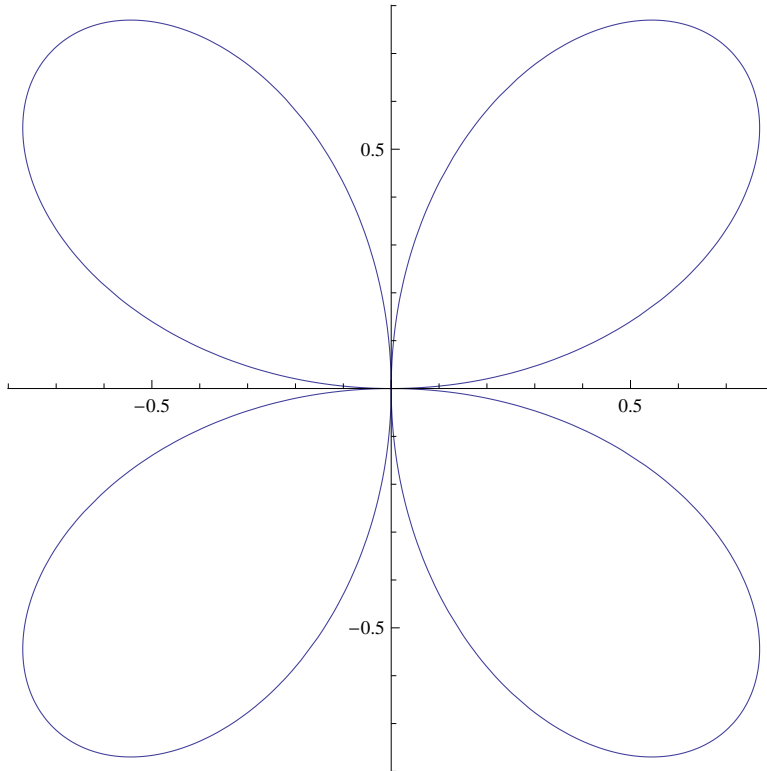
```
PolarPlot[1 + Sin[t], {t, 0, 2 Pi}]
```



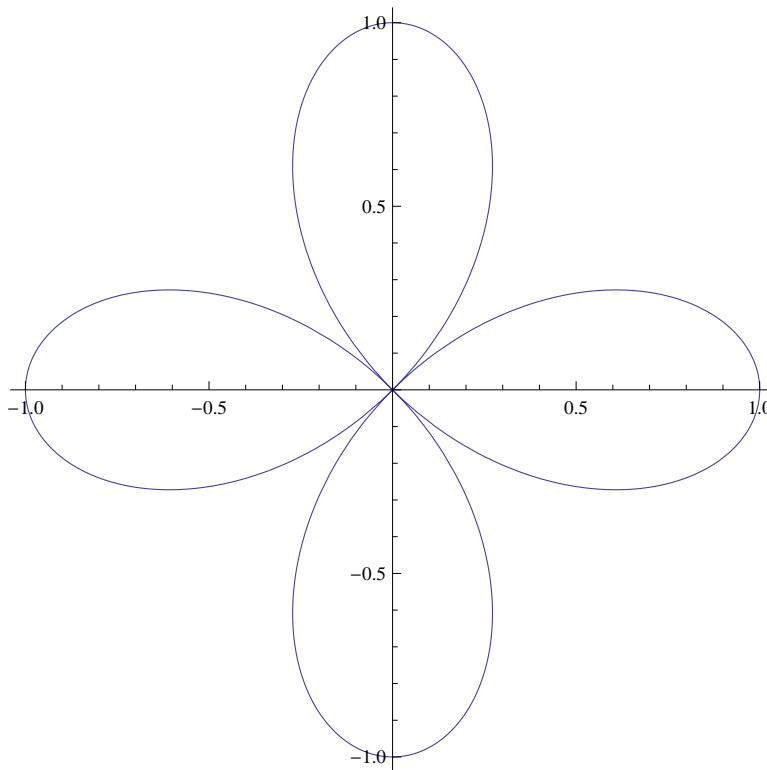
```
PolarPlot[1 - Sin[t], {t, 0, 2 Pi}]
```



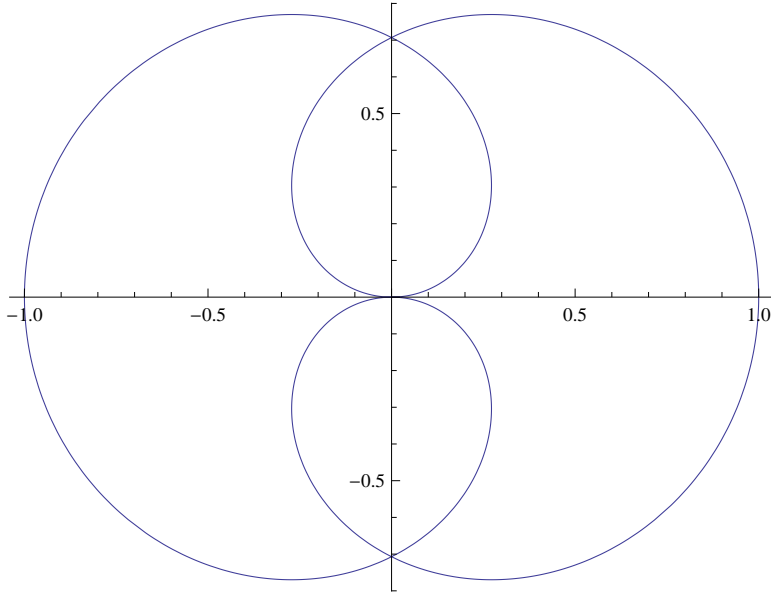
```
PolarPlot[Sin[2 t], {t, -Pi, Pi}]
```



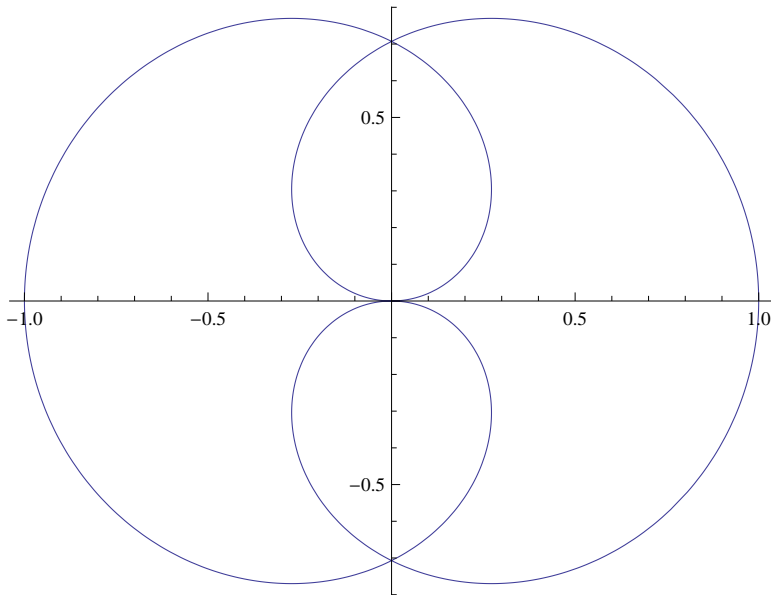
`PolarPlot[Cos[2 t], {t, -Pi, Pi}]`



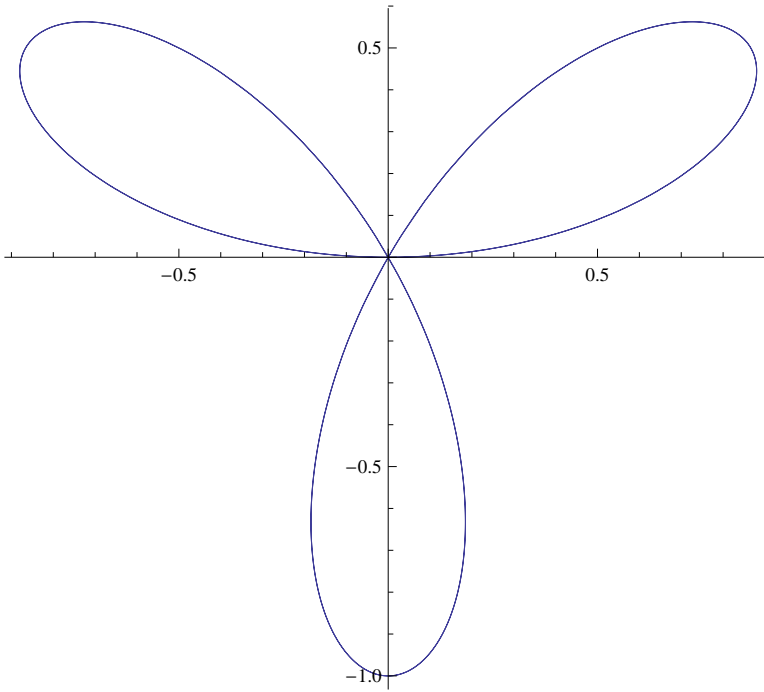
`PolarPlot[Cos[0.5 t], {t, -2 Pi, 2 Pi}]`



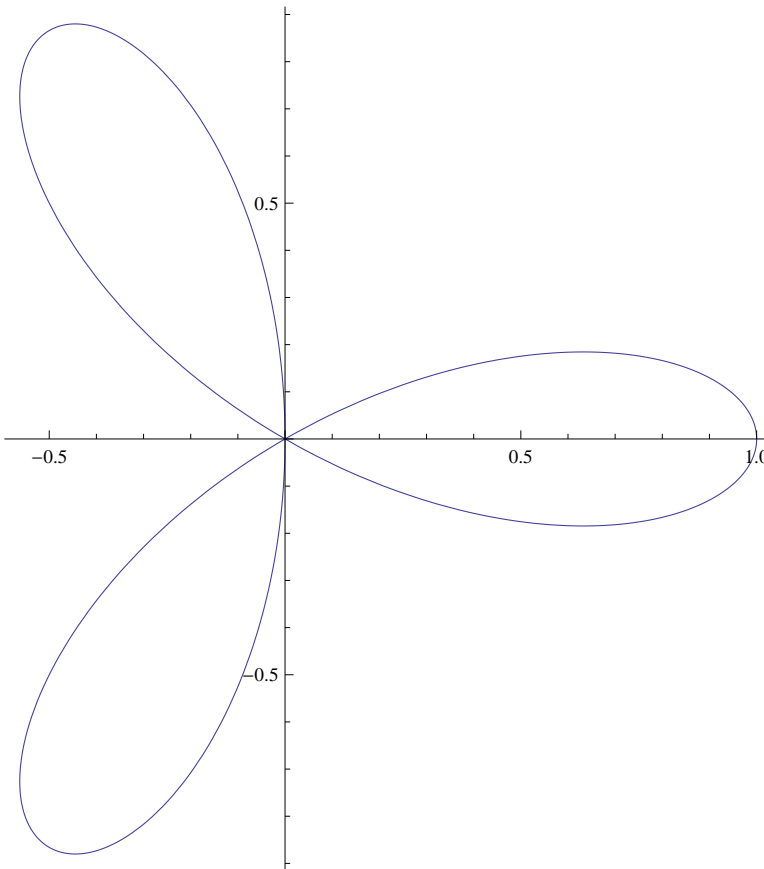
```
PolarPlot[Sin[0.5 t], {t, -2 Pi, 2 Pi}]
```



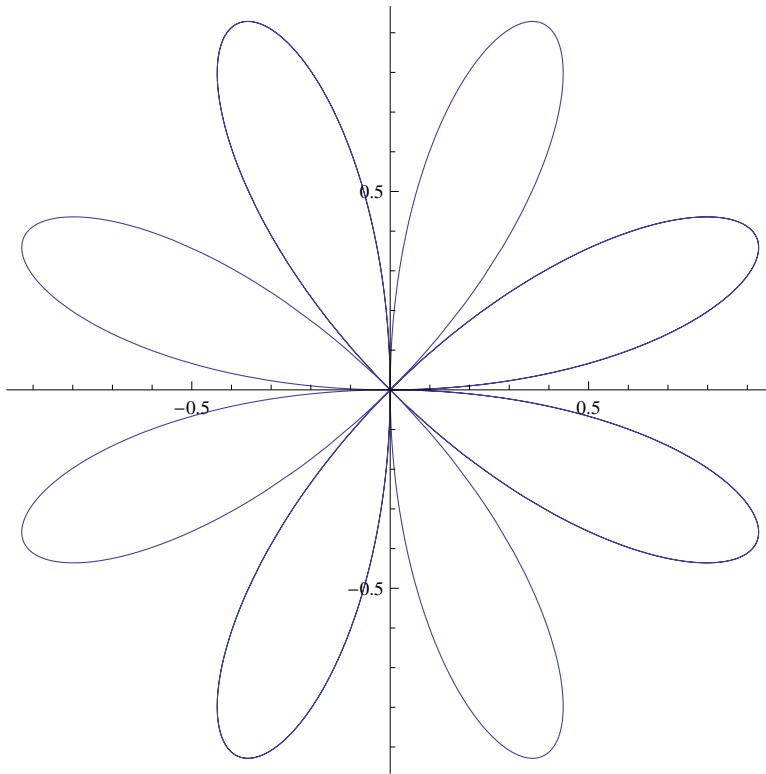
`PolarPlot[Sin[3 t], {t, 0, Pi}]`



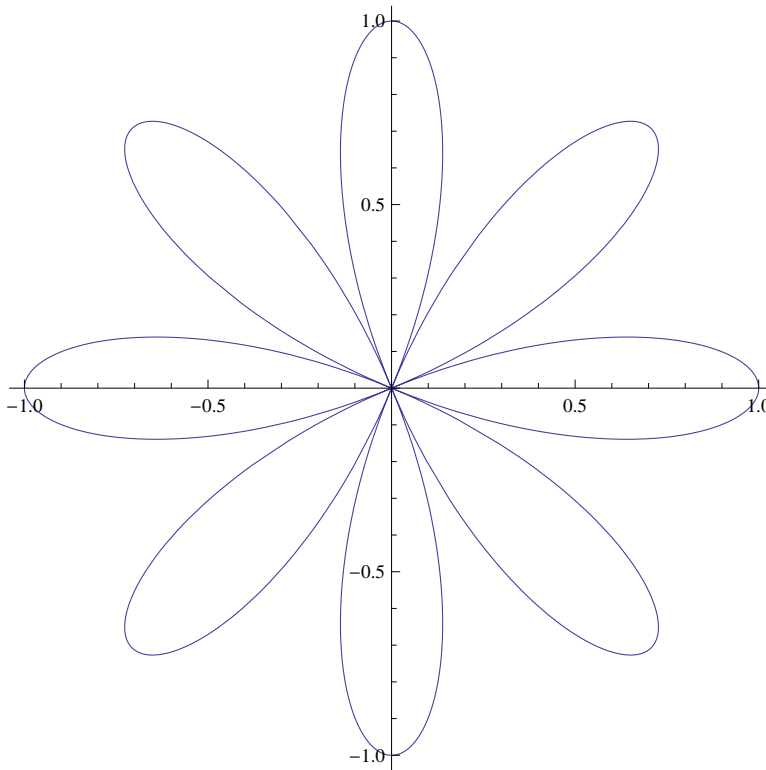
`PolarPlot[Cos[3 t], {t, 0, Pi}]`



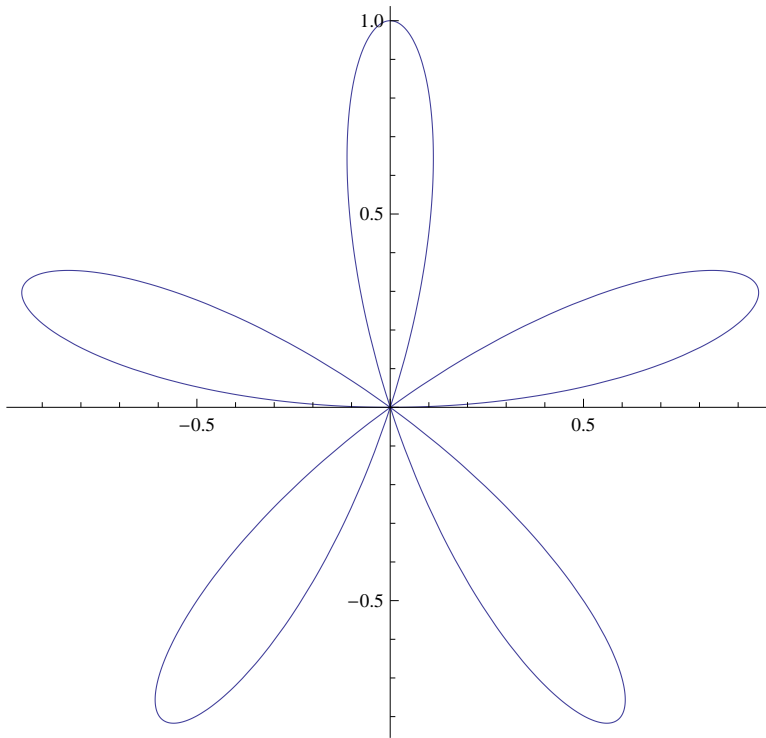
```
PolarPlot[Sin[4 t], {t, 0, 2 Pi}]
```



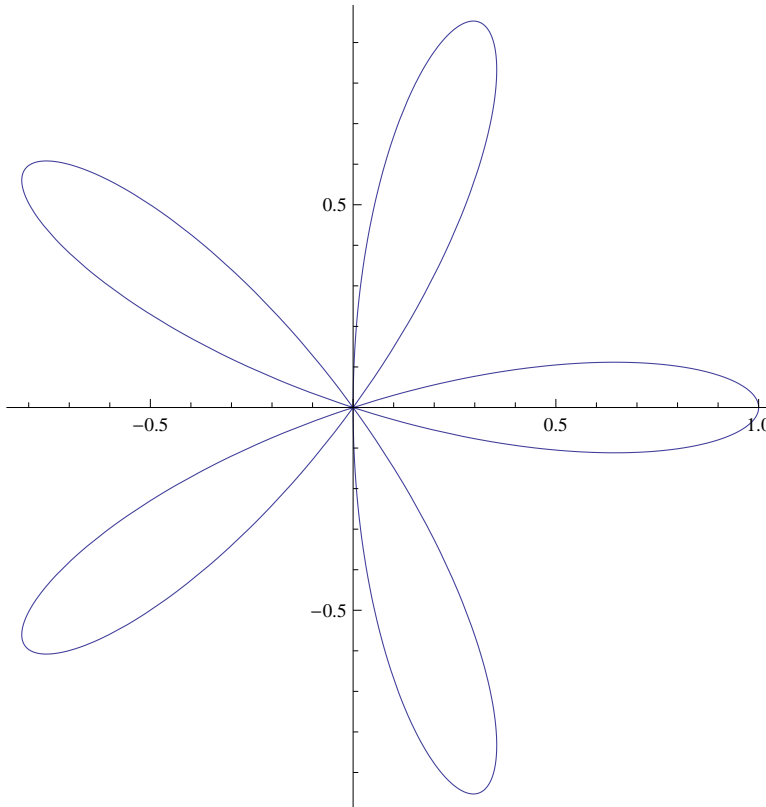
```
PolarPlot[Cos[4 t], {t, 0, 2 Pi}]
```



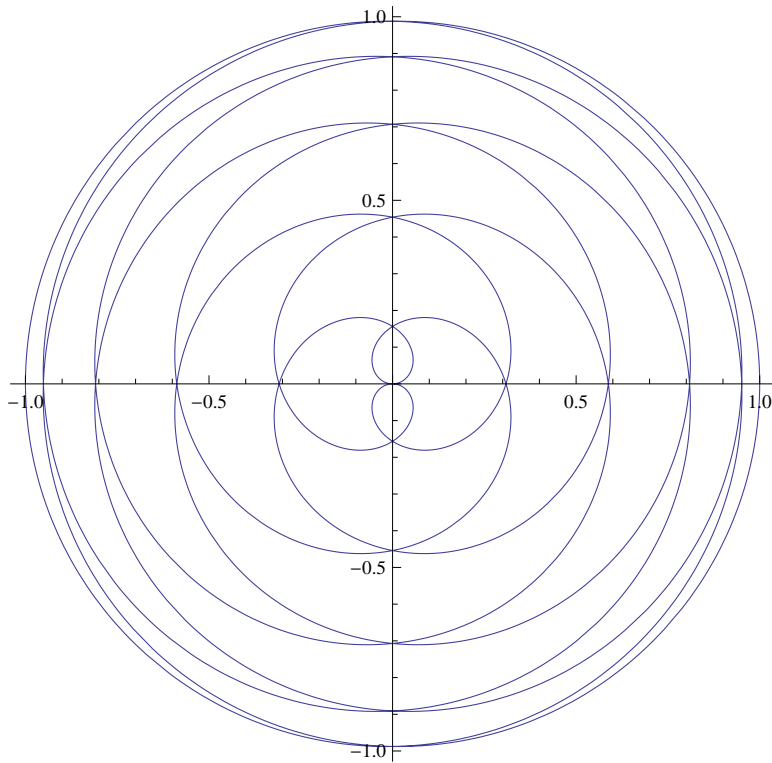
`PolarPlot[Sin[5 t], {t, 0, Pi}]`



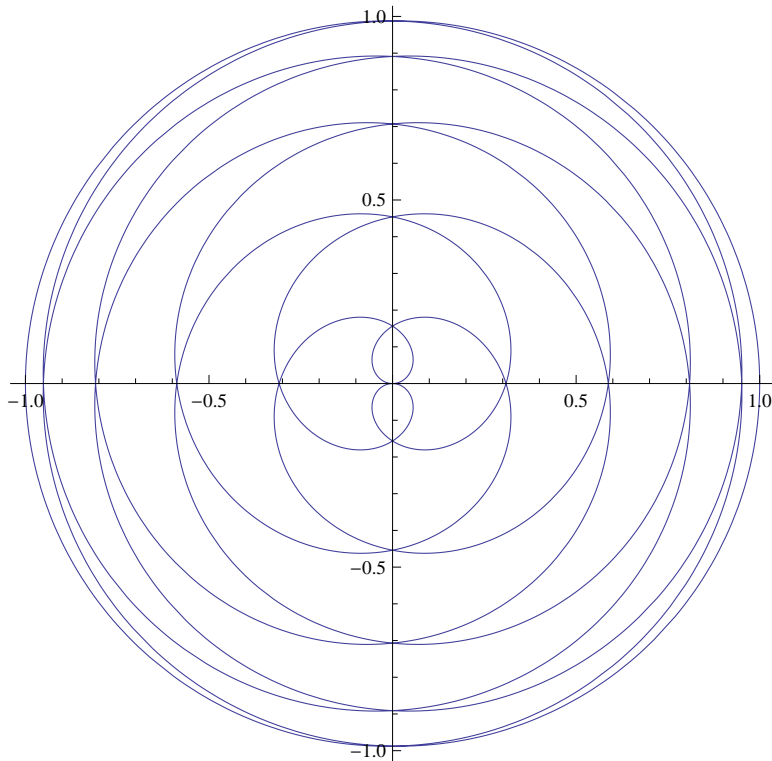
`PolarPlot[Cos[5 t], {t, 0, Pi}]`



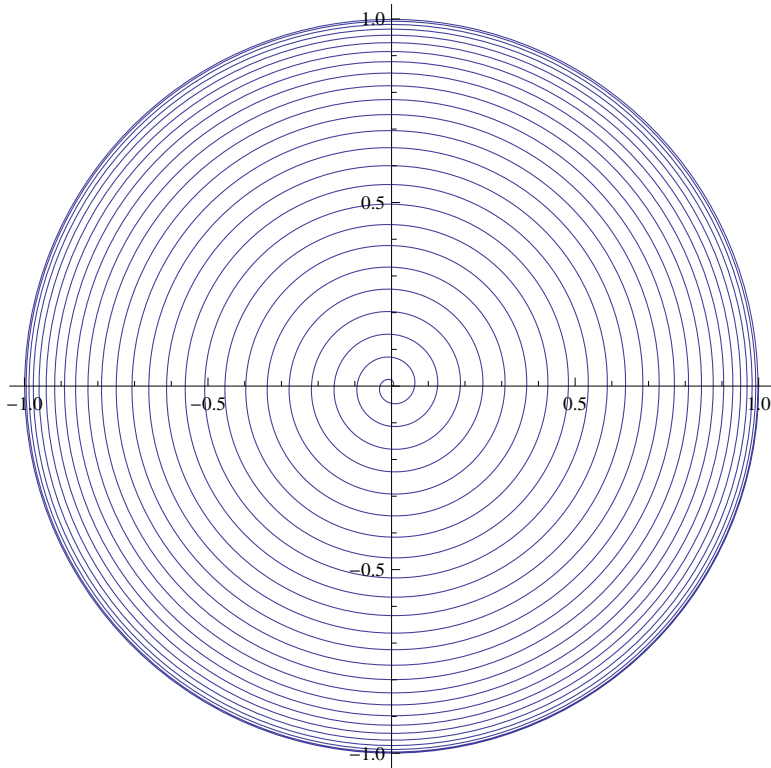

```
PolarPlot[Sin[0.1 t], {t, 0, 20 Pi}]
```



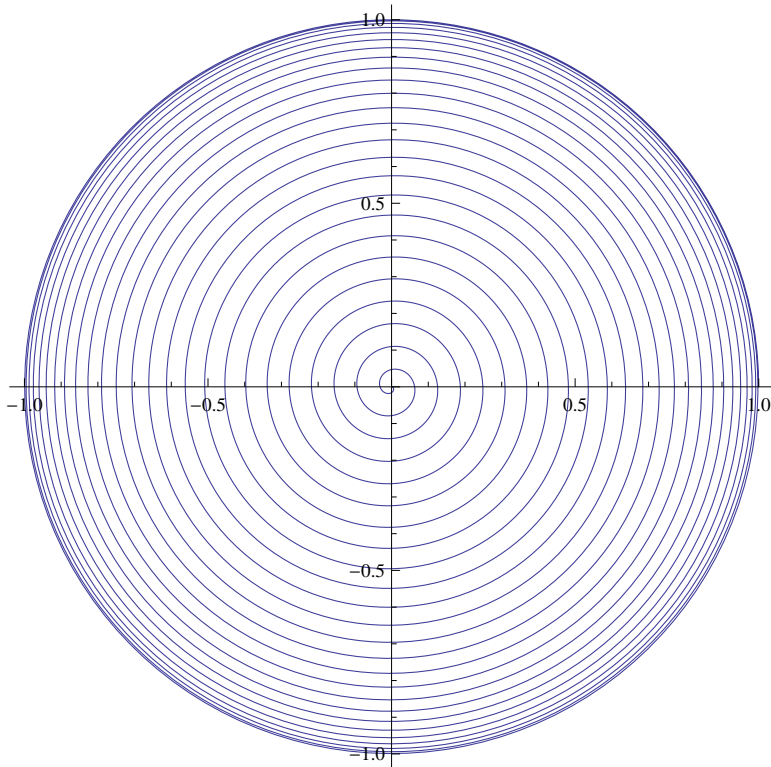
```
PolarPlot[Cos[0.1 t], {t, 0, 20 Pi}]
```



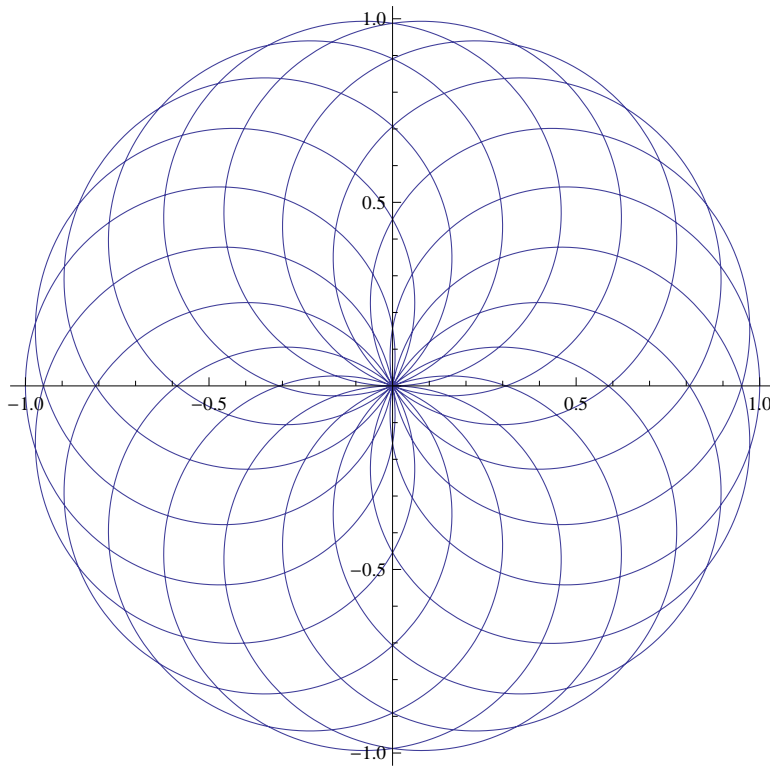
```
PolarPlot[Sin[0.01 t], {t, 0, 50 Pi}]
```



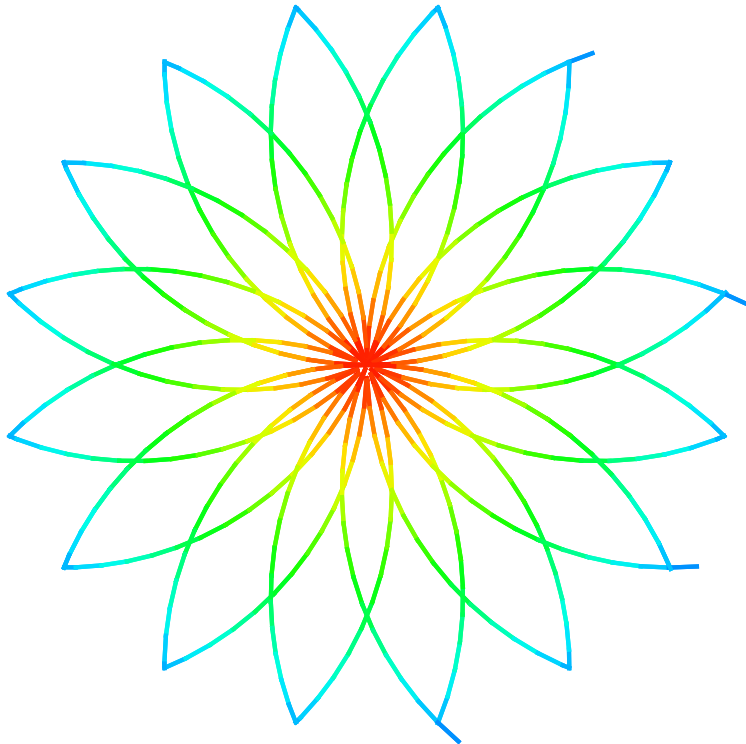
```
PolarPlot[Cos[0.01 t], {t, 0, 50 Pi}]
```



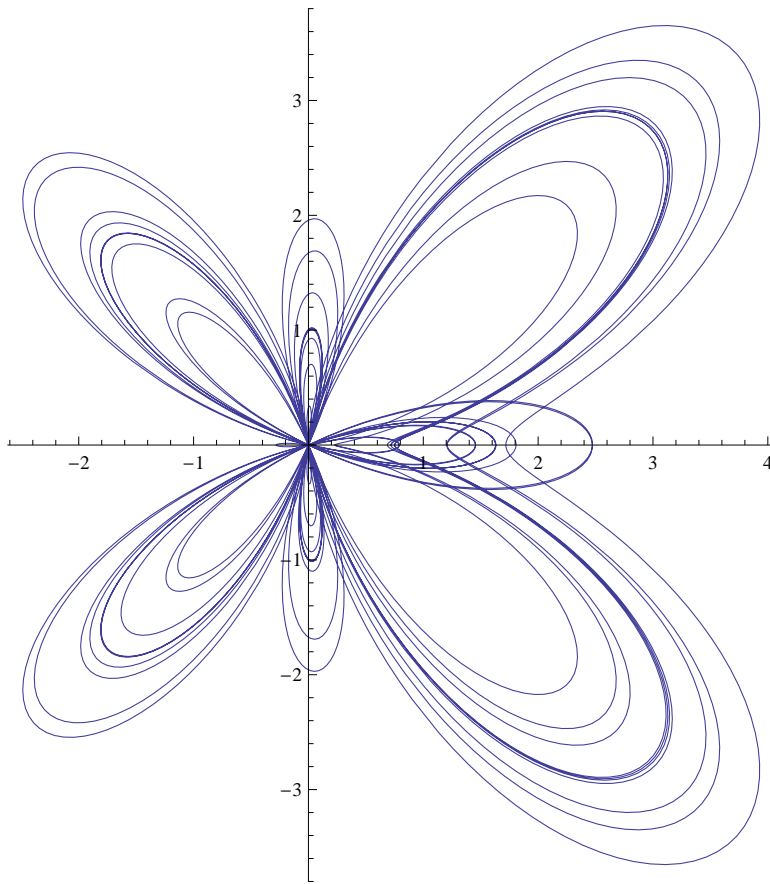
```
PolarPlot[Cos[0.9 t], {t, -10 Pi, 10 Pi}]
```



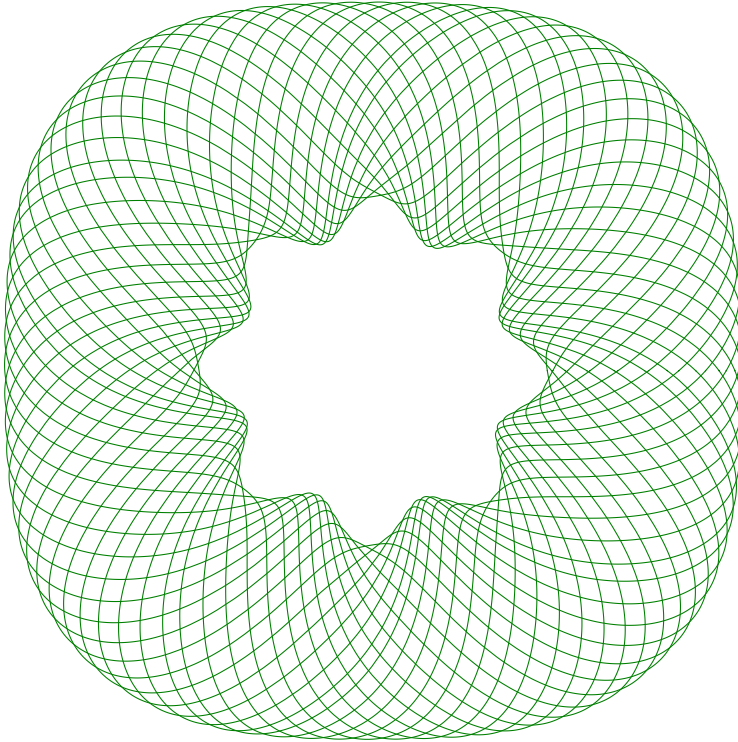
```
PolarPlot[Evaluate[Table[Abs[Sin[ $\theta + i$ ]], {i, 0, 2 Pi, 2 Pi / 16}]], { $\theta$ , 0, 2 Pi},  
PlotStyle  $\rightarrow$  Thick, ColorFunction  $\rightarrow$  Function[{x, y, t, r}, Hue[r]],  
Axes  $\rightarrow$  False, RegionFunction  $\rightarrow$  Function[{x, y, t, r}, r < 0.555],  
ColorFunctionScaling  $\rightarrow$  False, PlotPoints  $\rightarrow$  20, MaxRecursion  $\rightarrow$  3]
```



```
PolarPlot[Exp[Cos[θ]] - 2 Cos[4 θ] + Sin[θ / 12]^5, {θ, 0, 20 π}]
```



```
guilloche[{a_, b_, c_, d_, e_, f_}, o:OptionsPattern[]] :=  
  PolarPlot[Evaluate[Flatten[{Table[(c + Sin[a x + d]) +  
    ((b + Sin[b x + e]) - (c + Sin[a x + d])) (f + Sin[a x + n / Pi]) / 2, {n, 0, 19}]}]],  
    {x, 0, 2 Pi}, o, Axes → None, Frame → False]  
guilloche[{4, 8, 20, 4.7, 1.8, 1}, PlotStyle → Darker[Green, 0.5]]
```



```
PolarPlot[1 + 1/10 Sin[10  $\theta$ ], { $\theta$ , 0, 2 Pi}]
```

