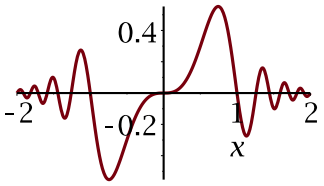
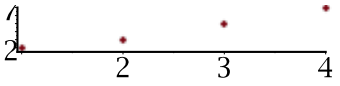
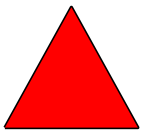
```
> with(plots):
> f:=x->exp(-x^2)*sin(Pi*x^3):
> plot(f(x), x=-2..2);
```



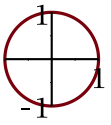

```
> plot([sin(x), cos(x)], x=-Pi..Pi, color=[blue,red]);
> plot(sin(x^2)/x^2, x=-6..6, y=0..1);
> plot(sin(x^2)/x^2, x=-6..6, y=0..1, scaling=constrained);
> plot([[1,2],[2,3],[3,5],[4,7]], style=point);
```



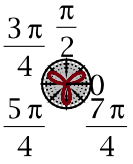

```
> plots[polygonplot]([[3,-2],[7,-2],[5,5]],color=red, axes=none);
```



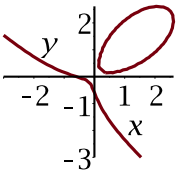
```
> plot(x/(1-cos(5*x)), x=-5..5, y=-5..5, numpoints=200);
> plot([cos(t), sin(t),t=0..2*Pi], scaling=constrained);
```




```
> polarplot(sin(3*theta), theta=0..2*Pi);
```




```
> implicitplot(x^3+y^3-5*x*y+1/5=0,x=-3..3,y=-3..3);
```



```
--> load(draw)$

--> set_draw_defaults(xaxis=true,yaxis=true);

--> f(x):=exp(-x^2)*sin(%pi*x^3);

--> wxdraw2d(explicit(f(x),x,-2,2));

--> wxdraw2d(color=blue, explicit(sin(x),x,-%pi,%pi),
    color=red, explicit(cos(x),x,-%pi,%pi));

--> wxdraw2d(yrange=[0,1],explicit(sin(x^2)/x^2,x,-6,6));

--> wxdraw2d(yrange=[0,1],explicit(sin(x^2)/x^2,x,-6,6),
    proportional_axes=xy);

--> wxdraw2d(points([[1,2],[2,3],[3,5],[4,7]]));

--> wxdraw2d(points([1,2,3,4],[2,3,5,7]));

--> wxdraw2d(polygon([[3,-2],[5,7],[7,-2]]));

--> wxdraw2d(nticks=200,yrange=[-5,5],explicit(x/(1-cos(5*x)),
    x,-5,5));

--> wxdraw2d(parametric(cos(t),sin(t),t,0,2*%pi),
    proportional_axes=xy);

--> wxdraw2d(nticks=200,polar(sin(3*theta),theta,0,2*%pi));

--> wxdraw2d(implicit(x^3+y^3-5*x*y+1/5=0,x,-3,3,y,-3,3));

--> draw2d(explicit(sin(x),x,-%pi,%pi), terminal=eps_color,
    file_name="sin");
```