trig.ms
Carl Lee
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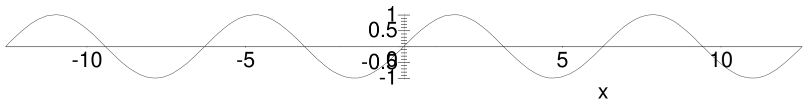
This is a Maple worksheet to plot the trigonometric functions.
Note:

scaling=constrained causes the same scale to be used on both axes.

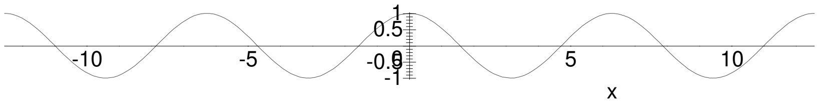
view=[-4*Pi..4*Pi,-10..10] causes the plot to be restricted to the given ranges of x and y. I do this to avoid plotting problems with the last four trig functions, since they assume arbitrarily large values.

discont=true causes Maple to try to recognize discontinuities in the function and plot accordingly, not trying to connect the disconnected pieces.

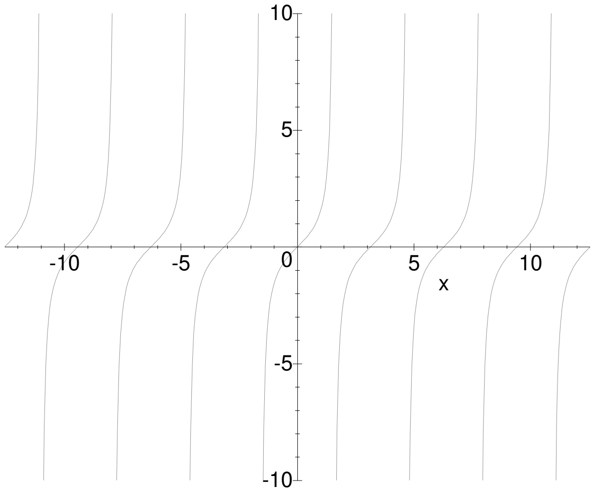
```
> plot(sin(x),x=-4*Pi..4*Pi,scaling=constrained);
```



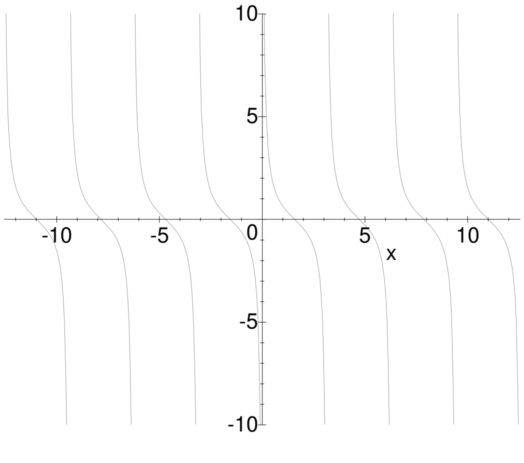

```
> plot(cos(x),x=-4*Pi..4*Pi,scaling=constrained);
```



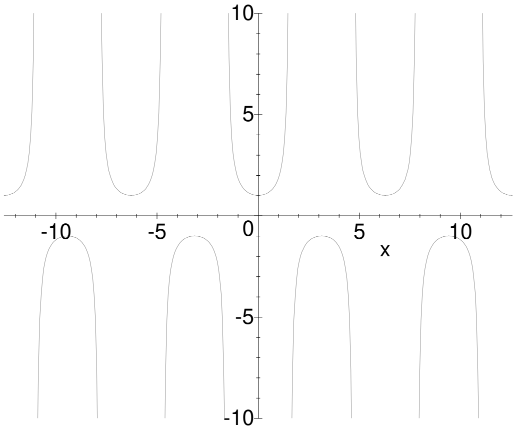

```
> plot(tan(x),x=-4*Pi..4*Pi,view=[-4*Pi..4*Pi,-10..10],dis
  cont=true,scaling=constrained);
```




```
> plot(cot(x),x=-4*Pi..4*Pi,view=[-4*Pi..4*Pi,-10..10],dis
  cont=true,scaling=constrained);
```




```
> plot(sec(x),x=-4*Pi..4*Pi,view=[-4*Pi..4*Pi,-10..10],dis
  cont=true,scaling=constrained);
```




```
> plot(csc(x),x=-4*Pi..4*Pi,view=[-4*Pi..4*Pi,-10..10],dis
  cont=true,scaling=constrained);
```