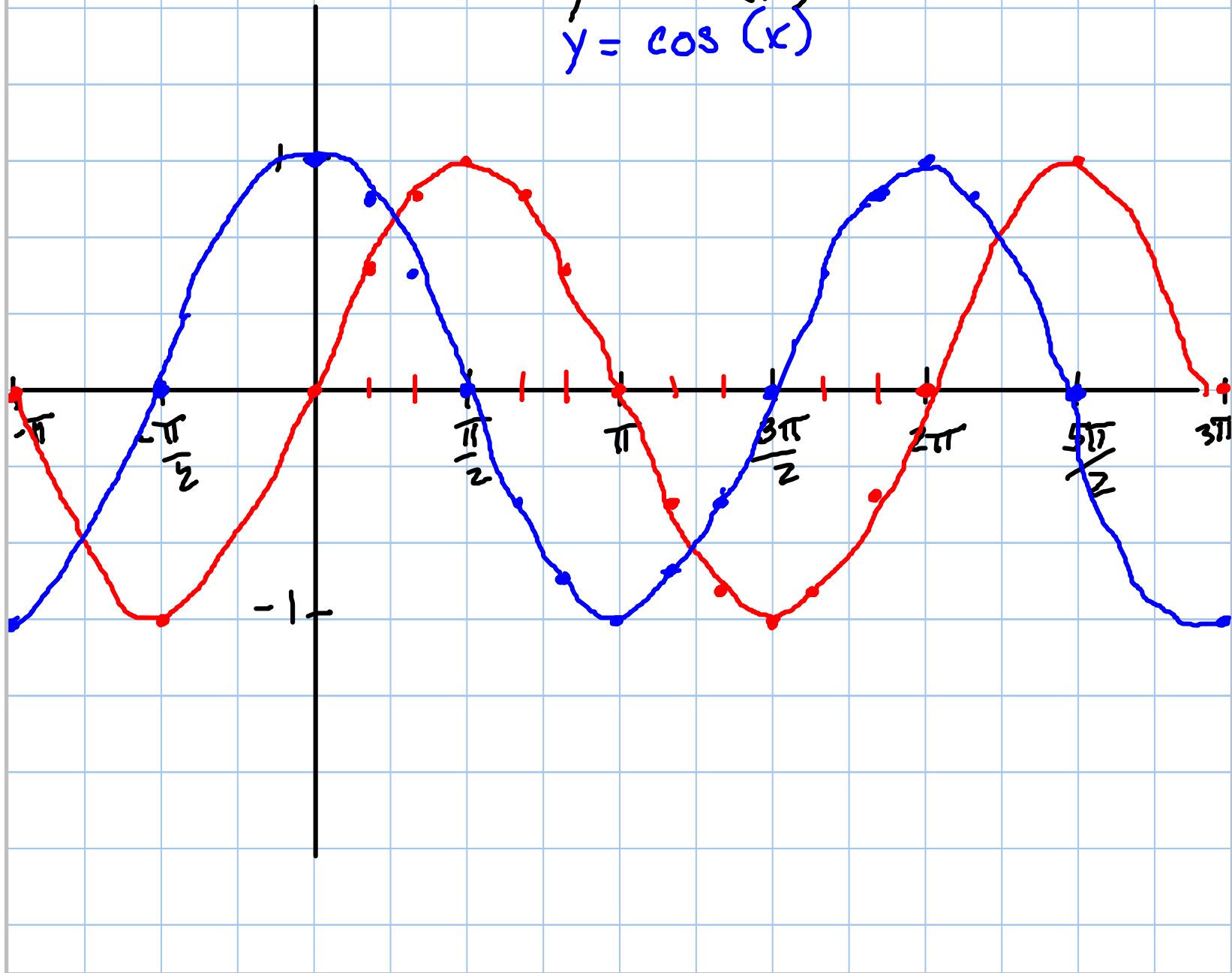


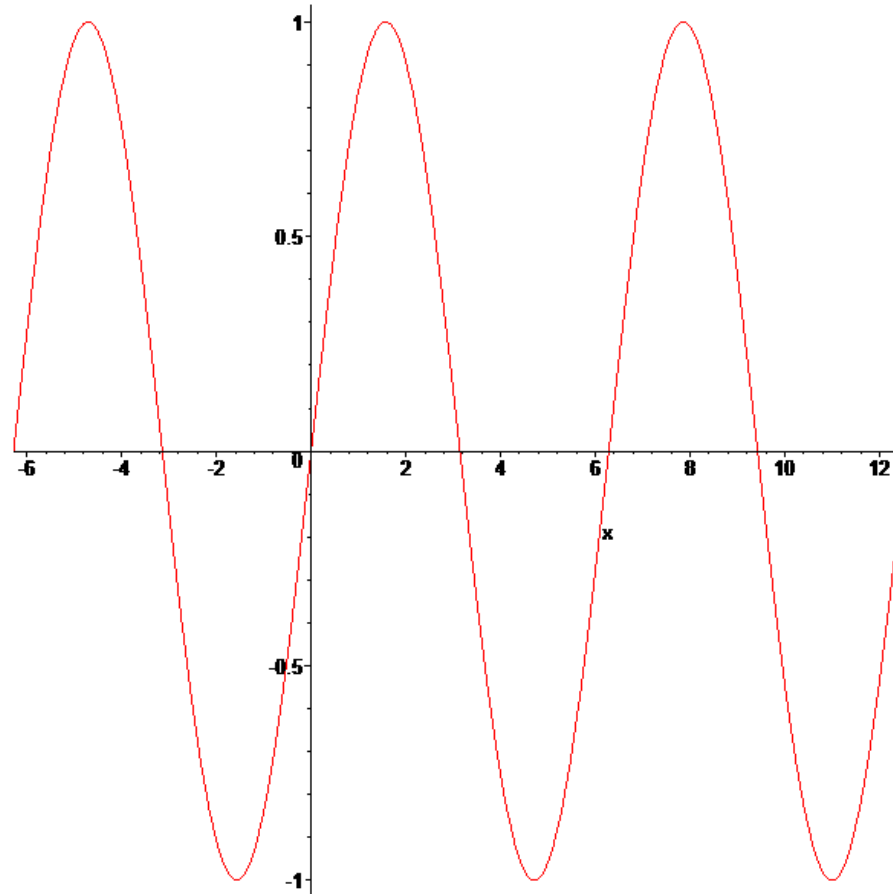
$$y = \sin(x)$$
$$y = \cos(x)$$



```
> with(plots);
```

Warning, the name changecoords has been redefined

```
> plot(sin(x), x=-2*Pi..4*Pi);
```



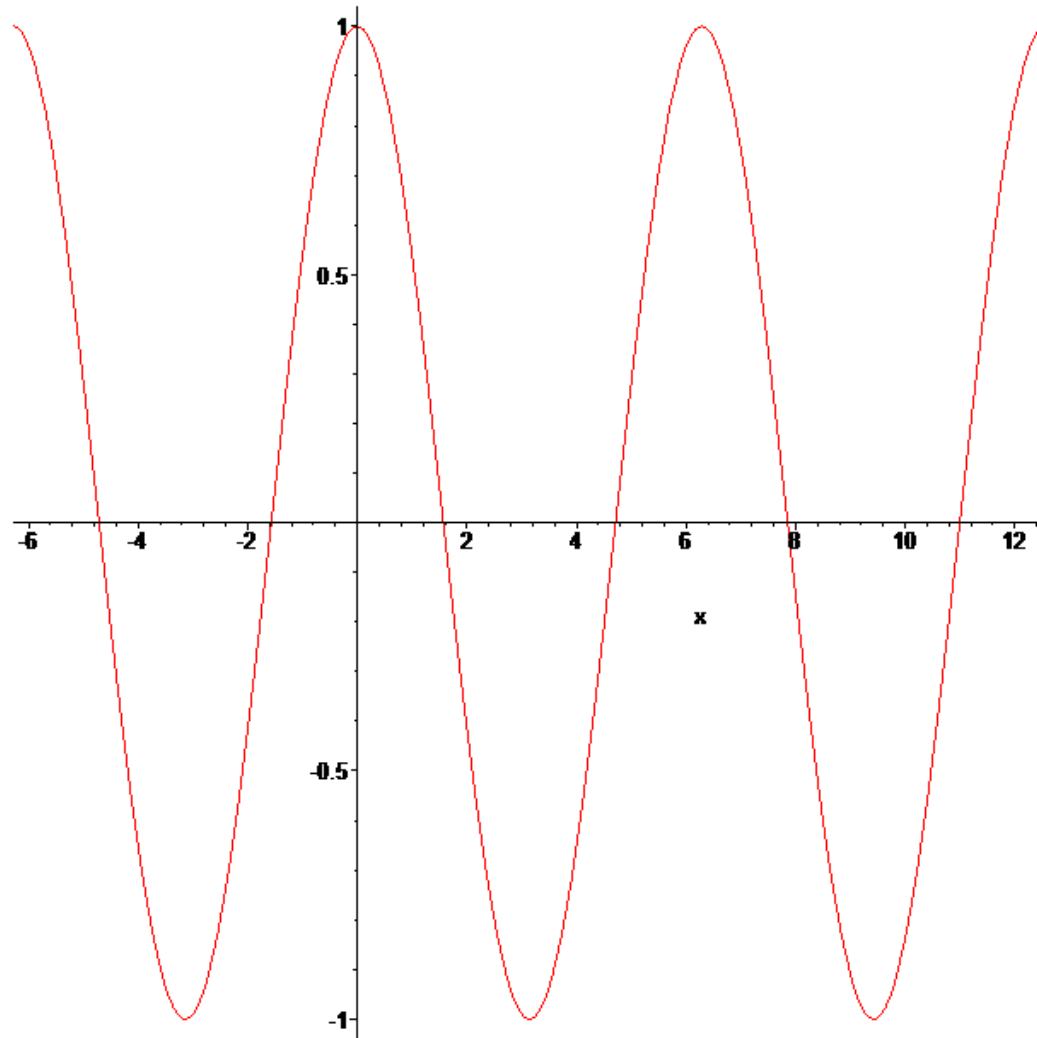
$$y = \underline{a} \sin \underline{b}x$$

a : amplitude factor

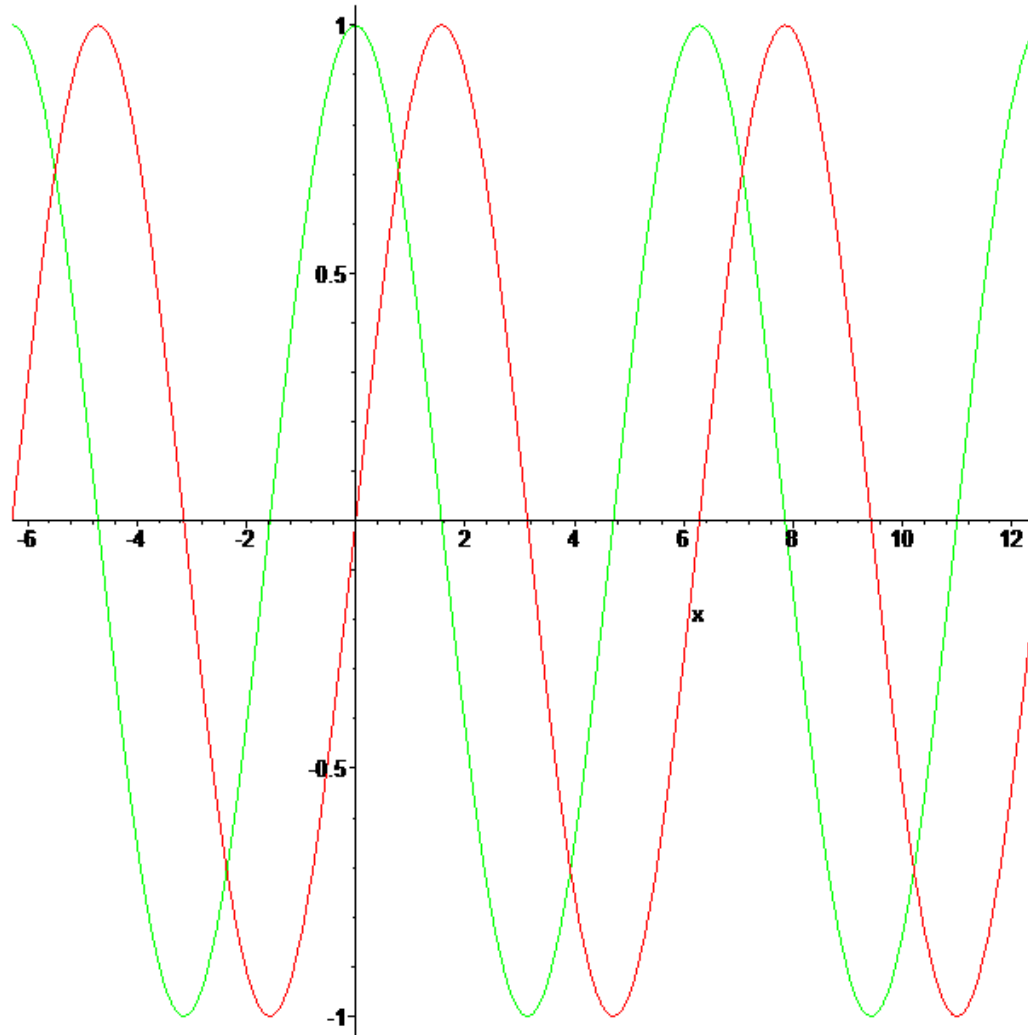
b : periodicity factor

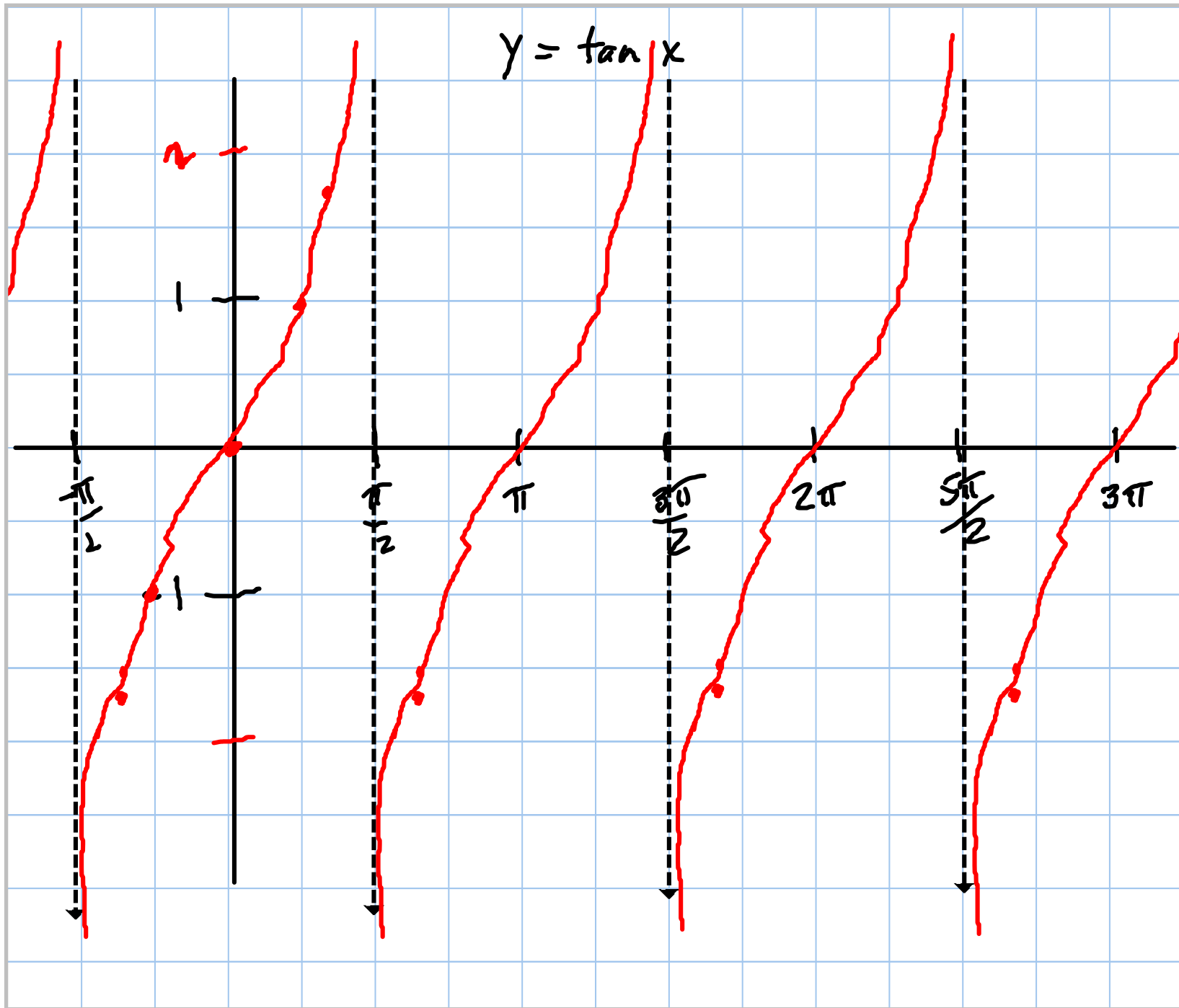
period : $\frac{2\pi}{b}$

```
> plot(cos(x), x=-2*Pi..4*Pi);
```

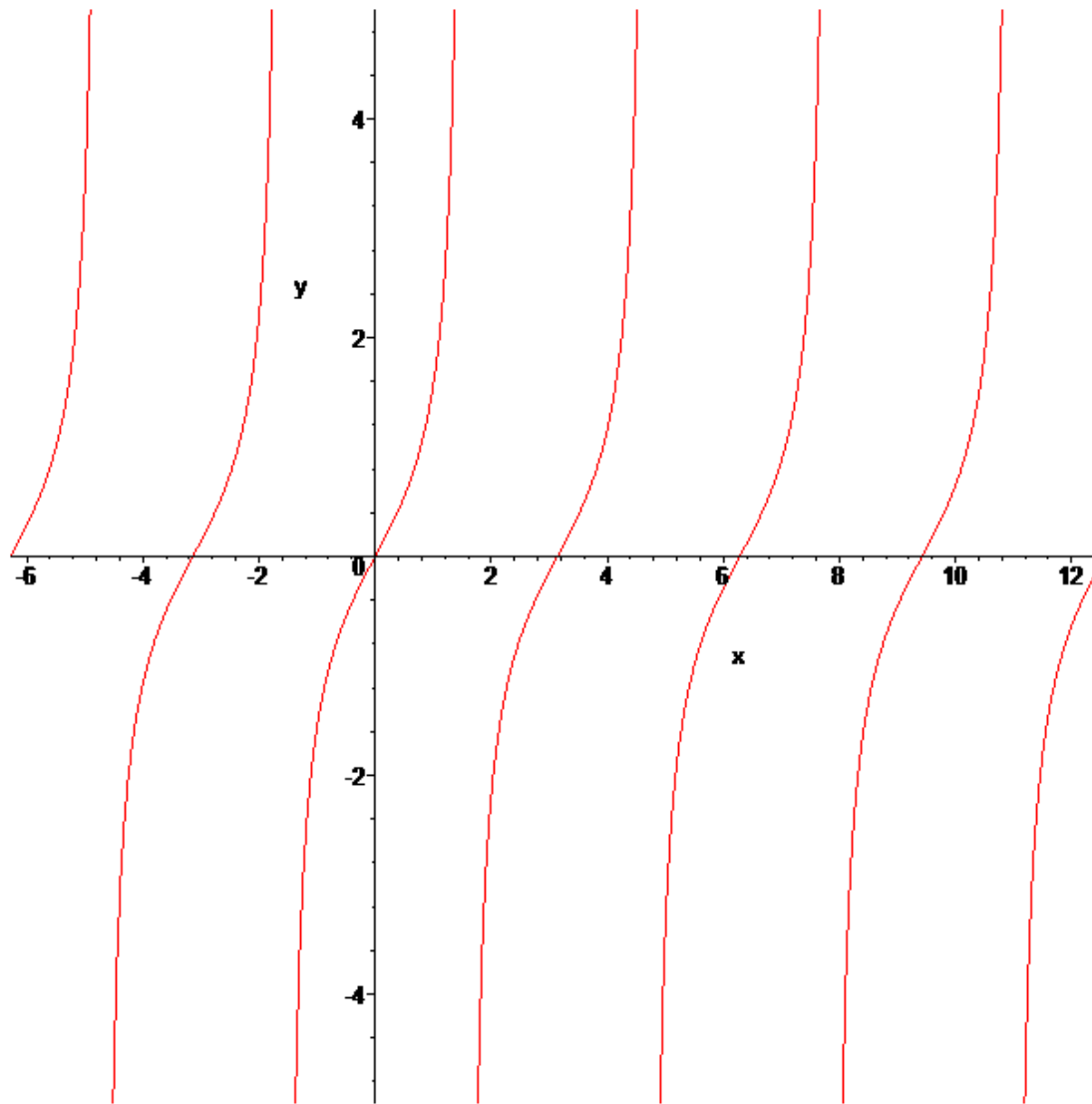


```
> plot([sin(x), cos(x)], x=-2*Pi..4*Pi);
```

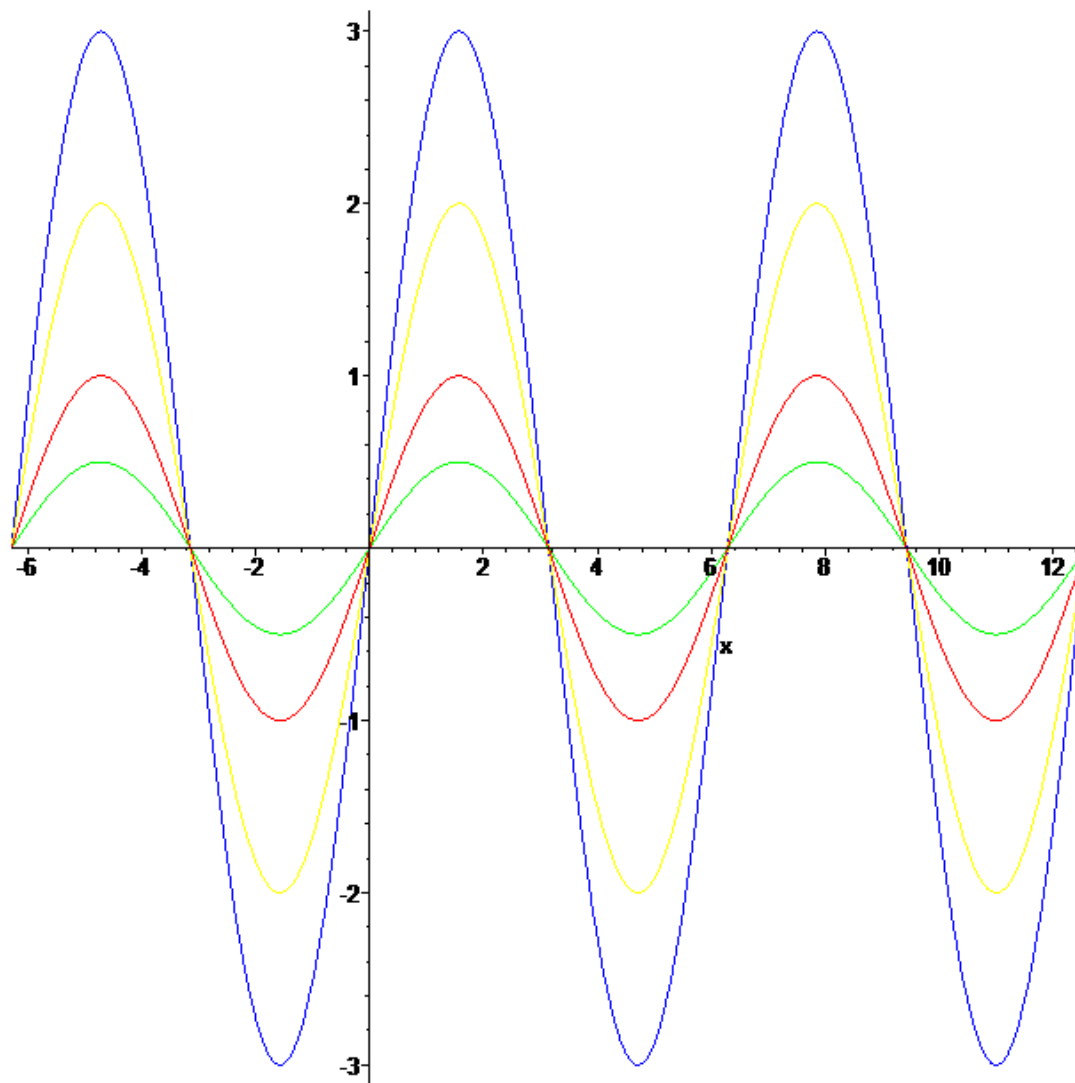




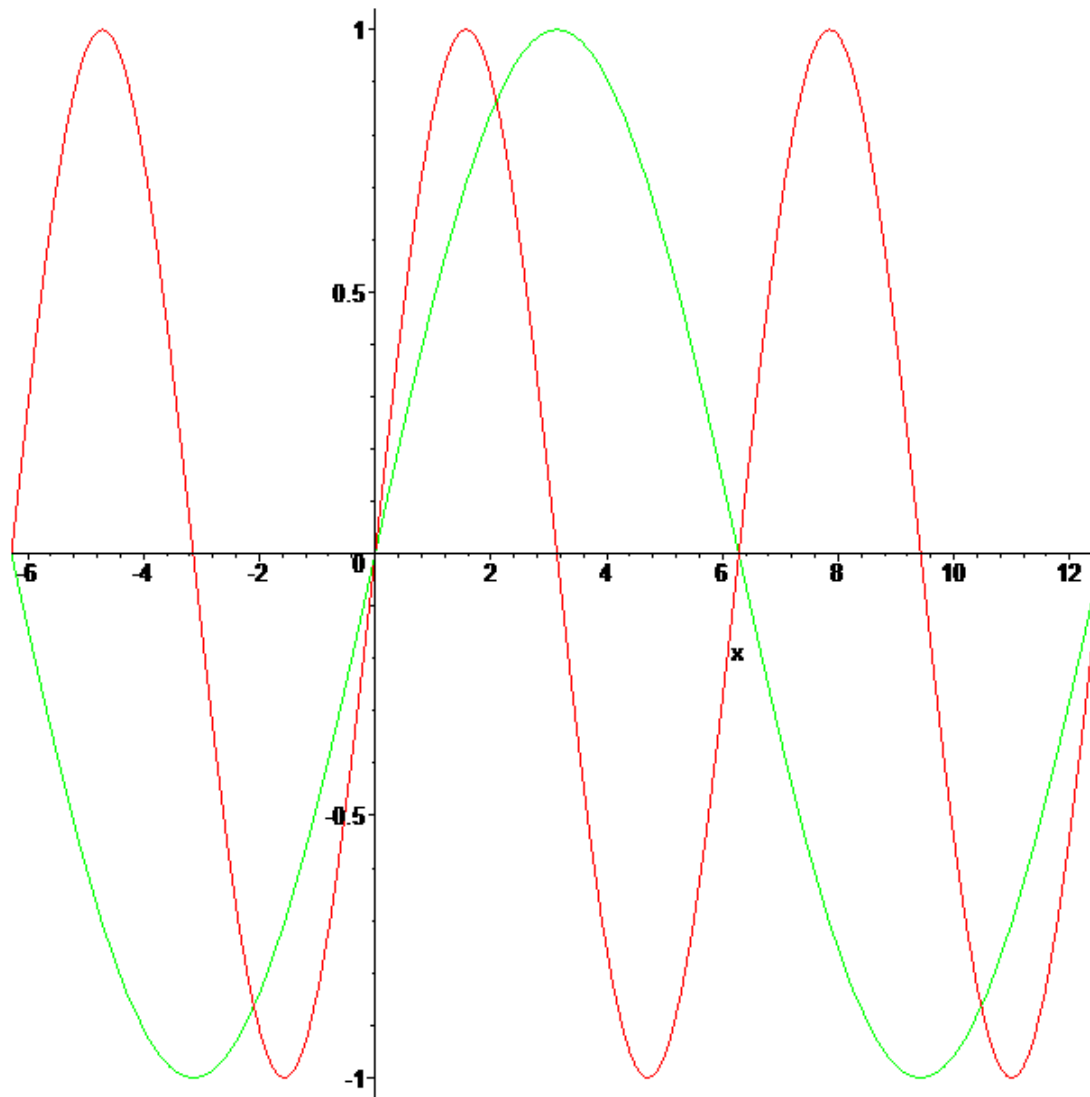
```
> plot(tan(x), x=-2*Pi..4*Pi, y=-5..5, discontin=true);
```



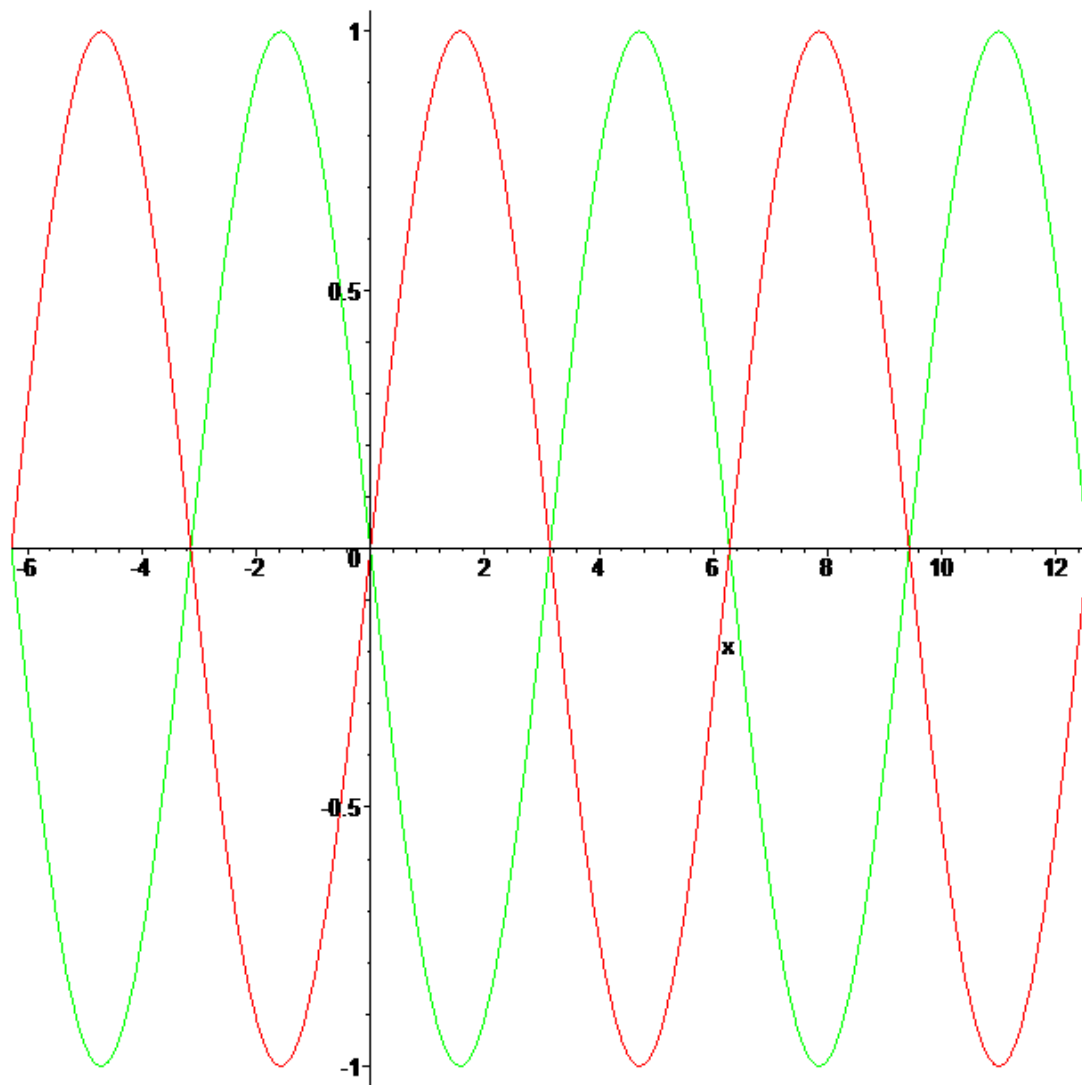
```
> plot([sin(x) , .5*sin(x) , 2*sin(x) , 3*sin(x) ] , x=-2*Pi..4*Pi) ;
```



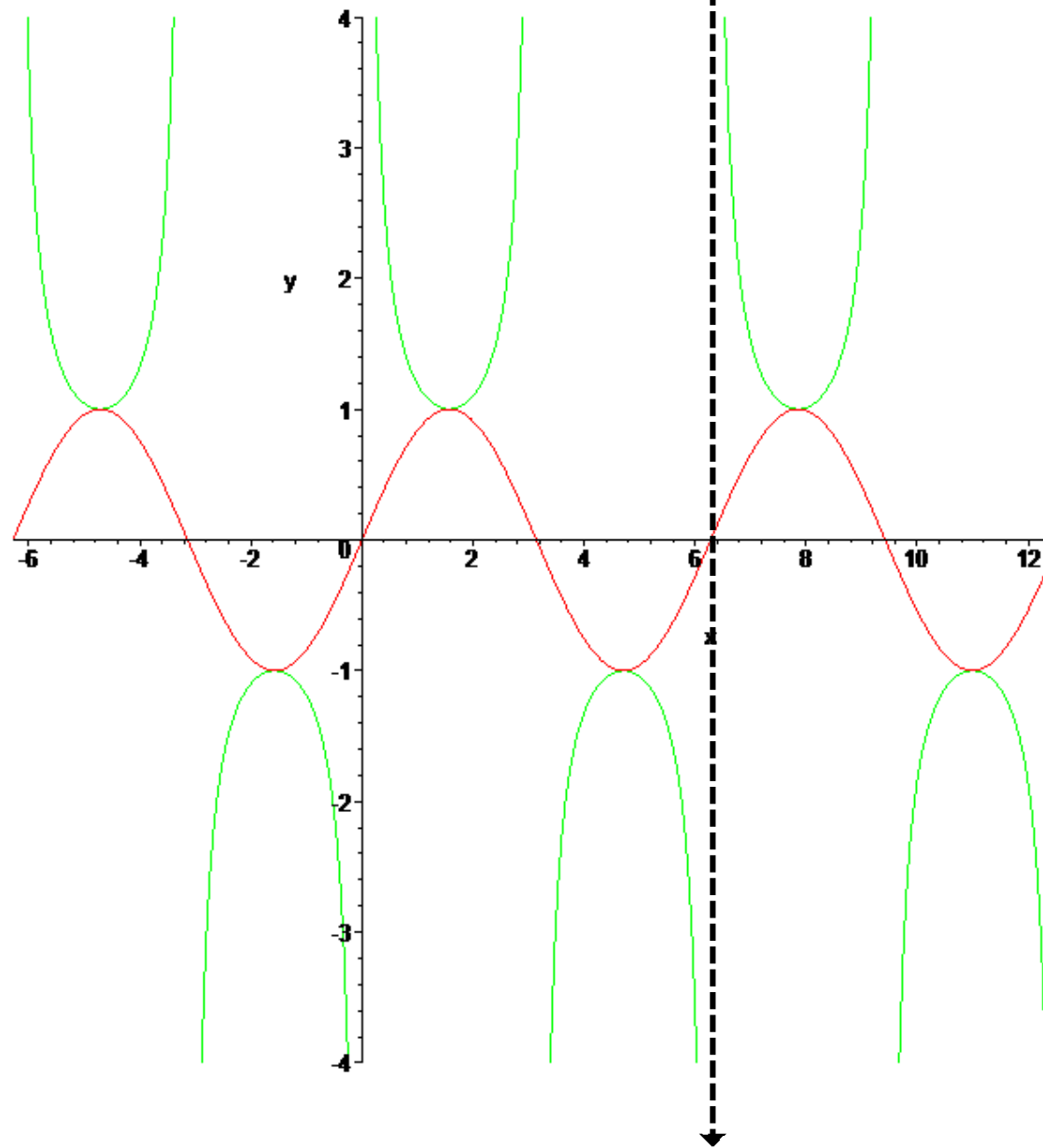
```
> plot([sin(x), sin(.5*x)], x=-2*Pi..4*Pi);
```



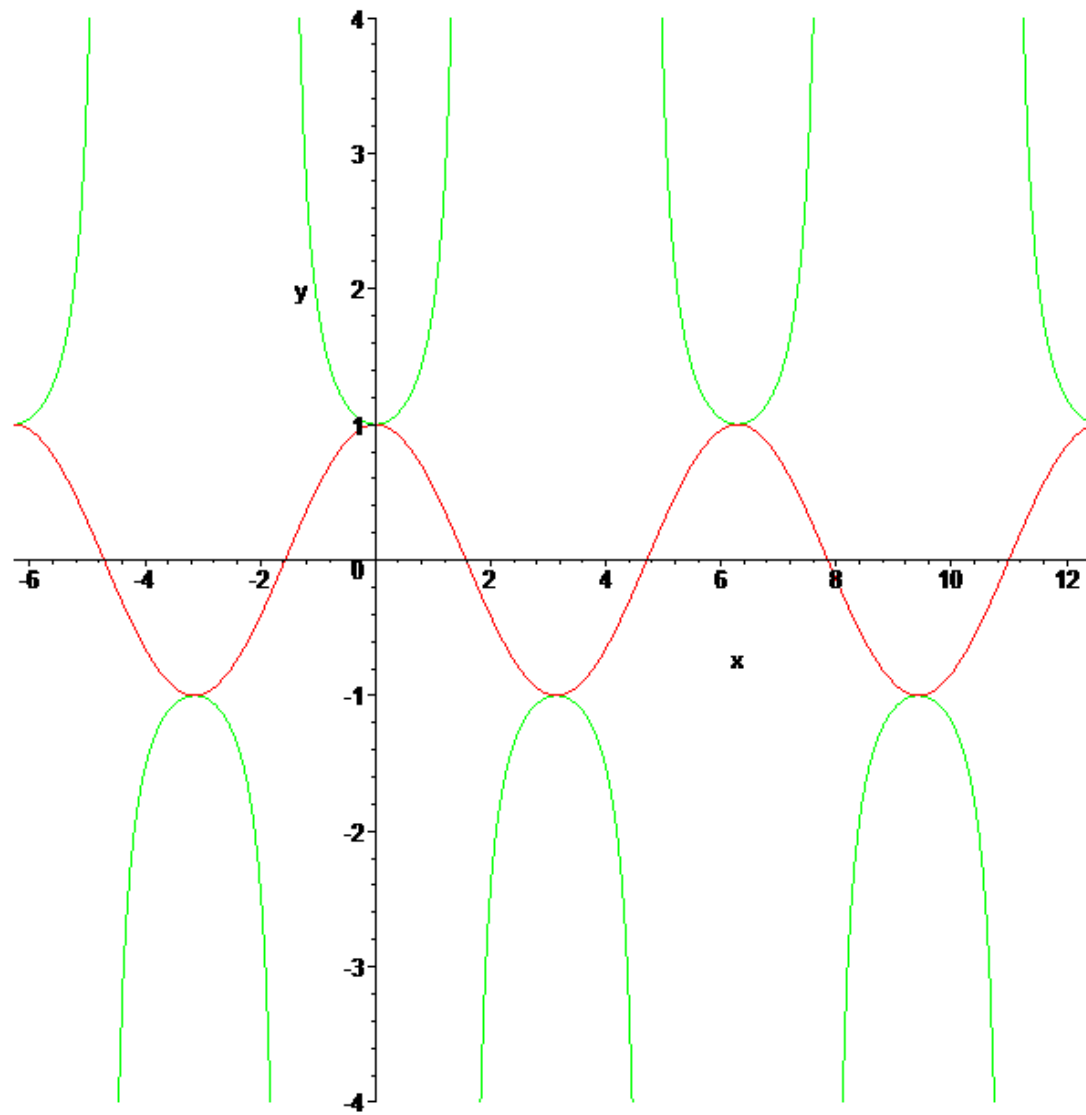
```
> plot([sin(x), -1*sin(x)], x=-2*Pi..4*Pi);
```



```
> plot([sin(x), csc(x)], x=-2*Pi..4*Pi, y=-4..4, discontinuous=true);
```



```
> plot([cos(x), sec(x)], x=-2*Pi..4*Pi, y=-4..4, discontin=true);
```



```
> plot([tan(x), cot(x)], x=-2*Pi..4*Pi, y=-4..4, discontin=true);
```

