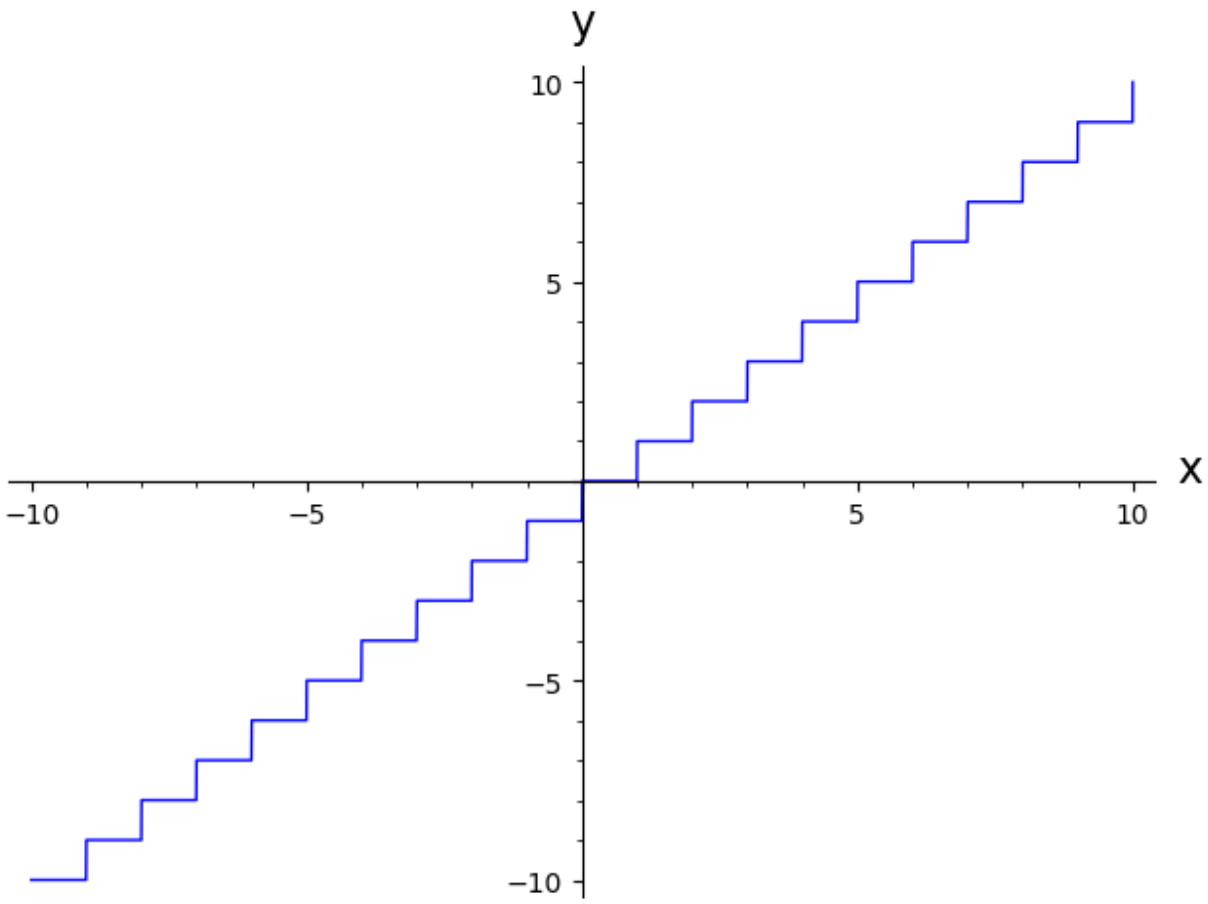
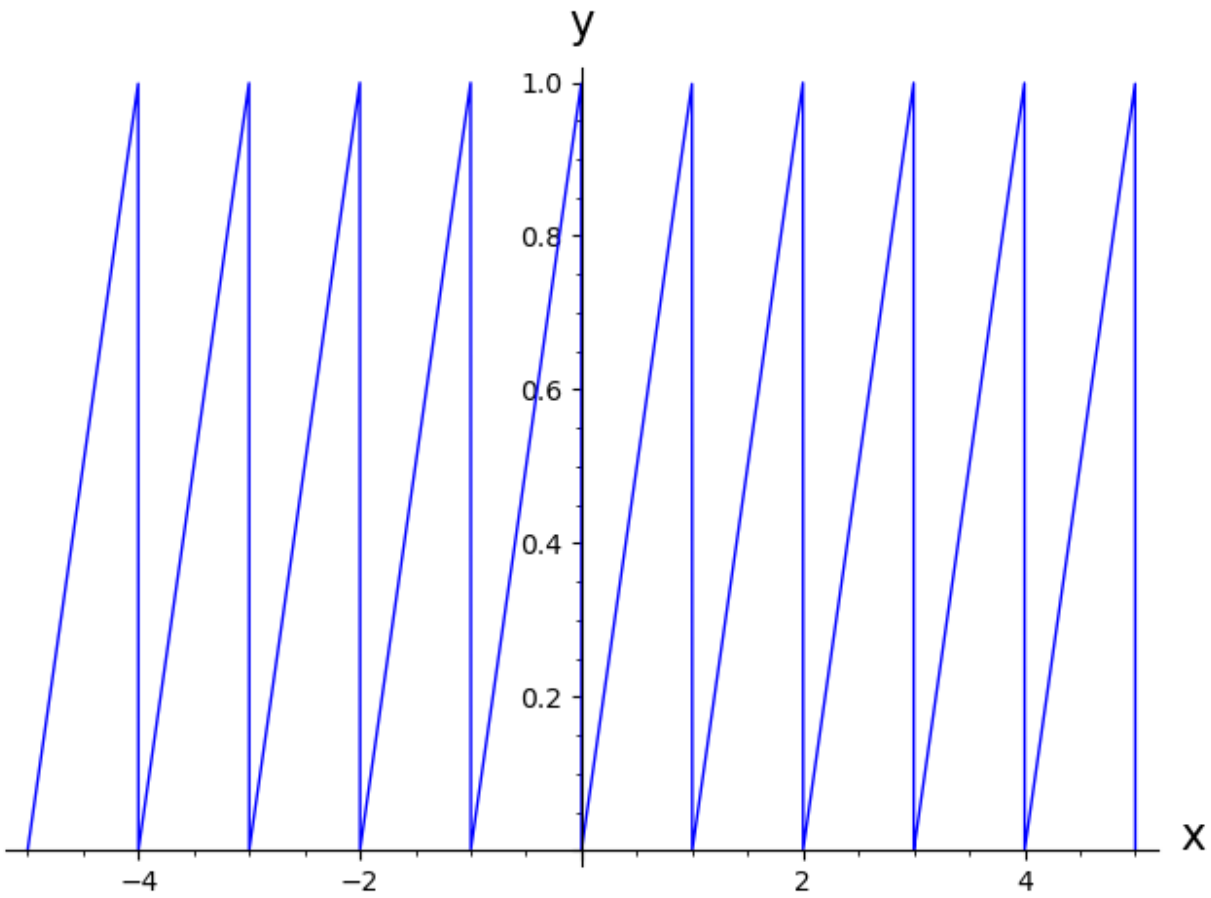
In [3]:
```
var('x')

f = plot(floor(x), (-10,10), axes_labels=['x','y'])

show(f)
```



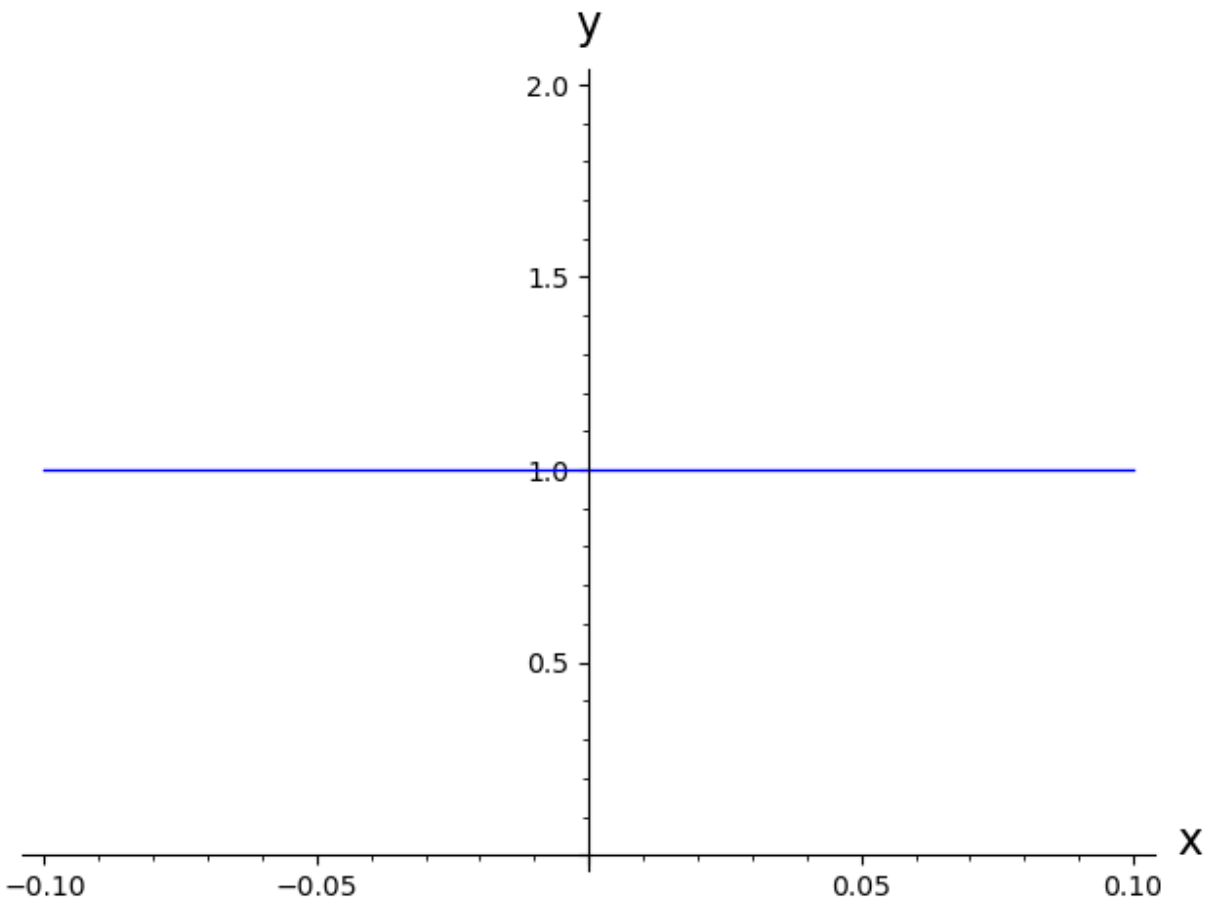
In [7]:
```
f = x - floor(x)

plot(f, (-5,5), axes_labels=['x','y'])
```

Out[7]:



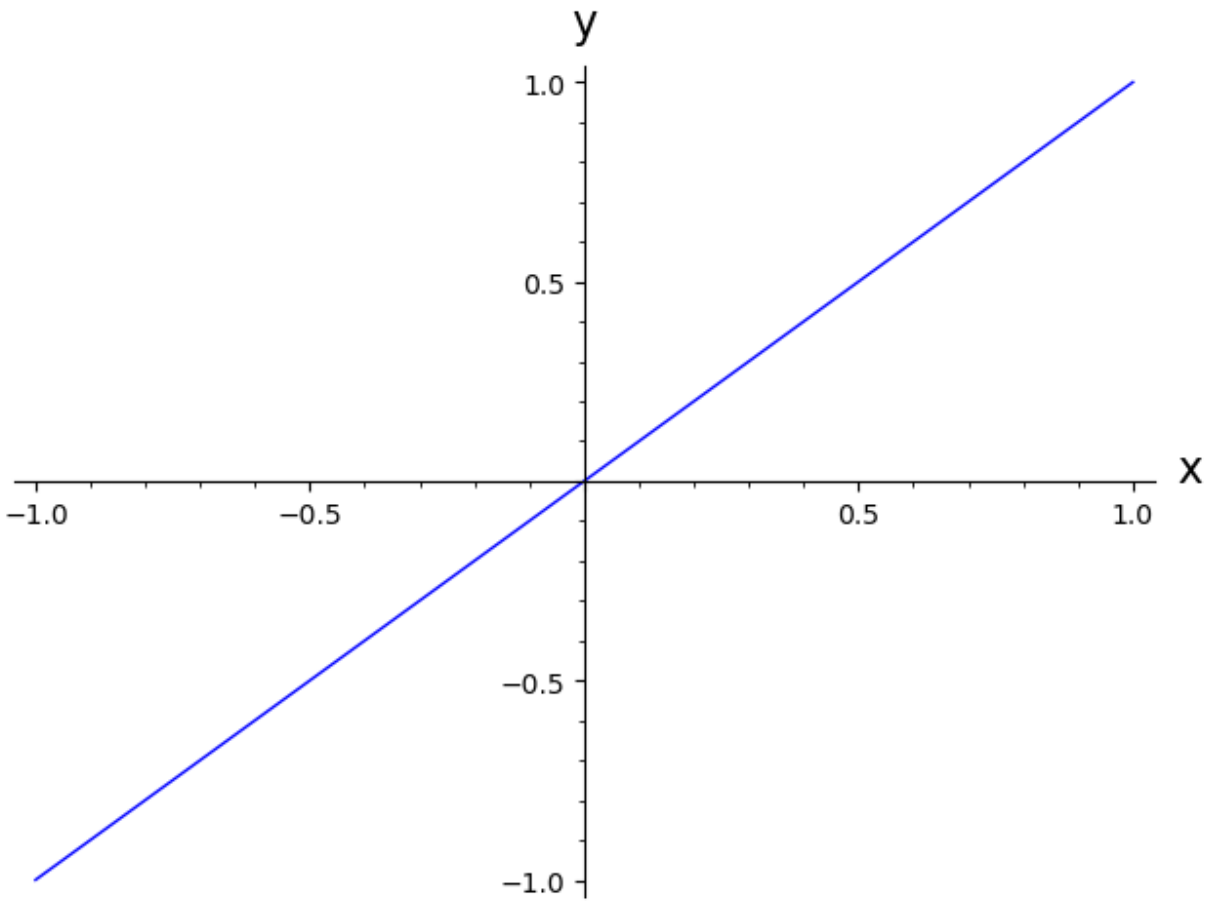
In [22]:
```
f = x/x

plot(f, (-0.1,0.1),axes_labels=['x','y'])
```

Out[22]:



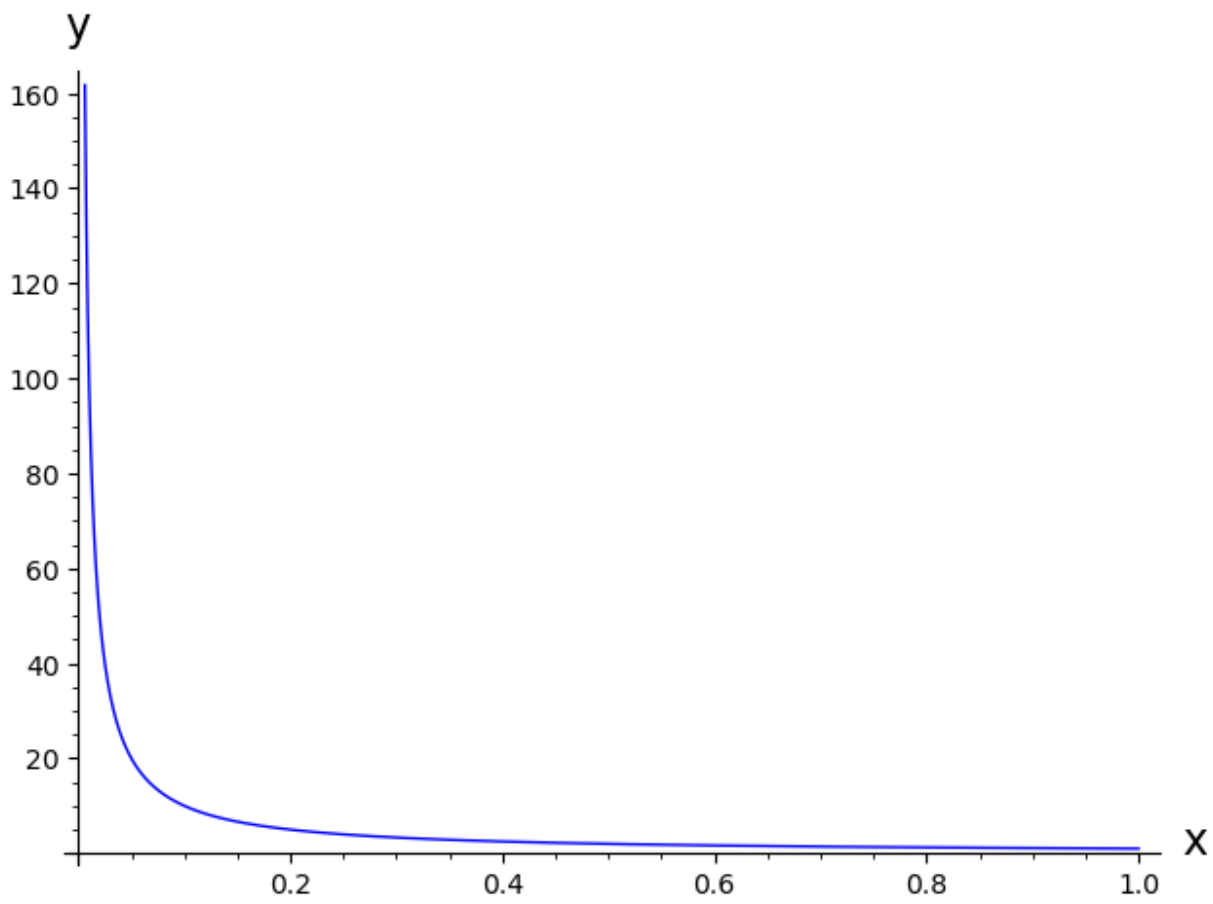
In [24]:
```
f = x**2/x

plot(f, (-1,1),axes_labels=['x','y'])
```

Out[24]:

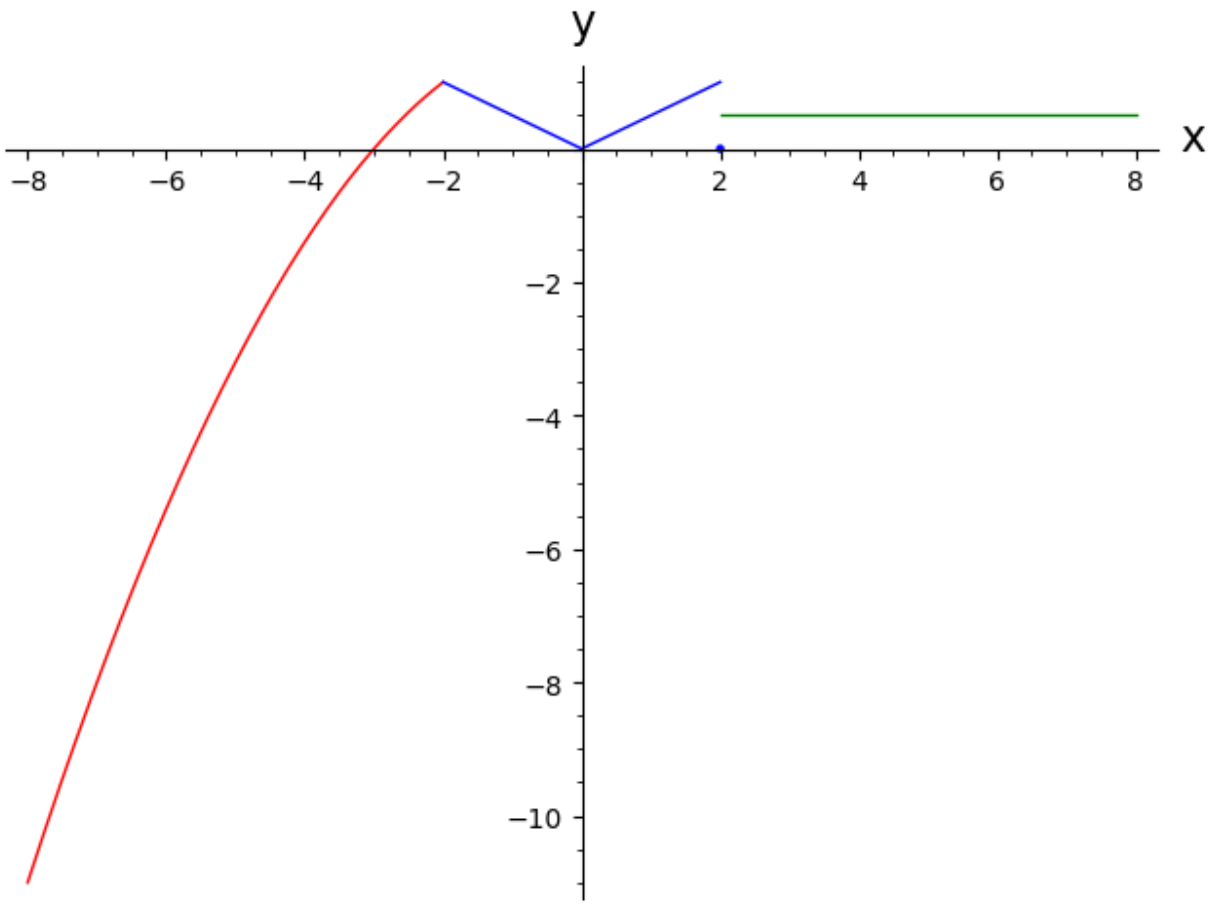


In [25]:
```
f = 1/x

plot(f, (0,1),axes_labels=['x','y'])
```

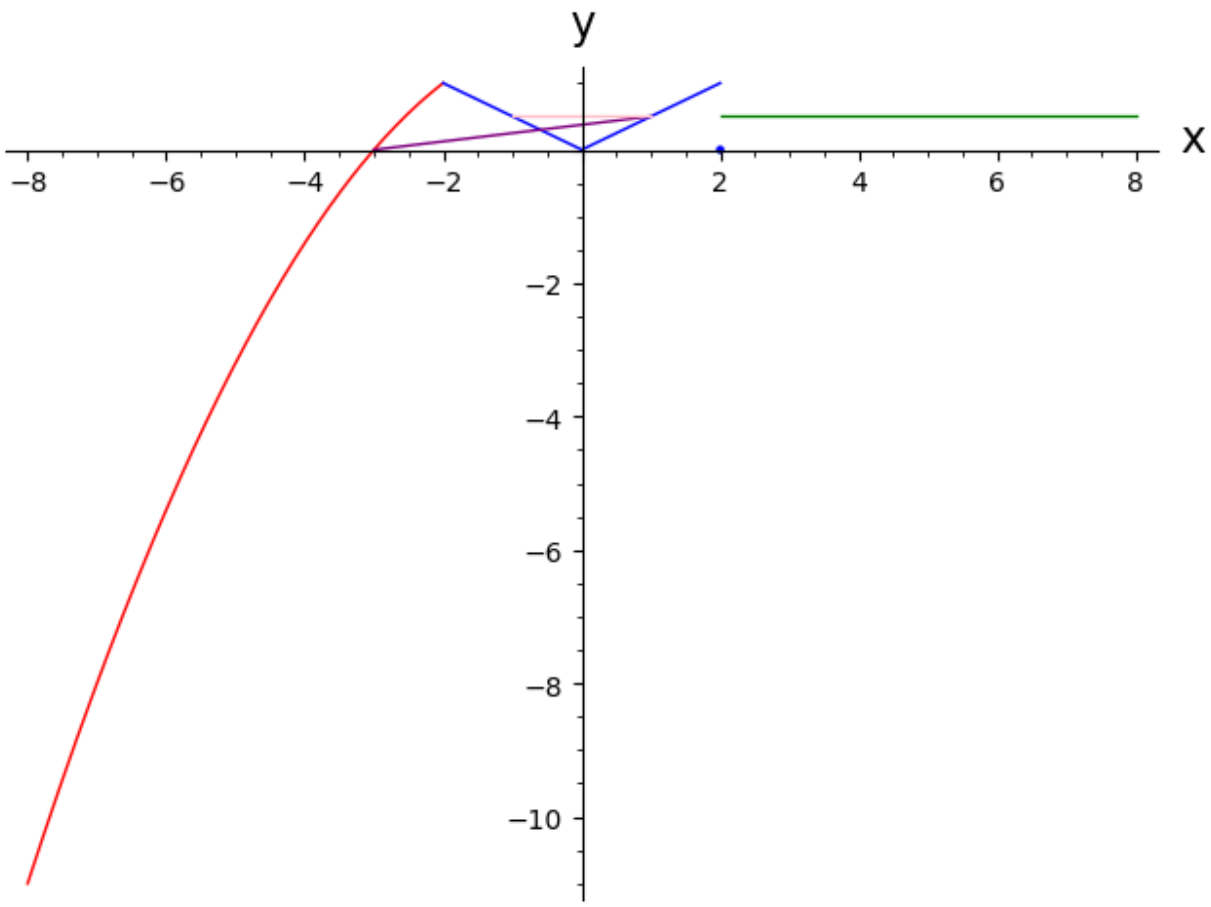
Out[25]:



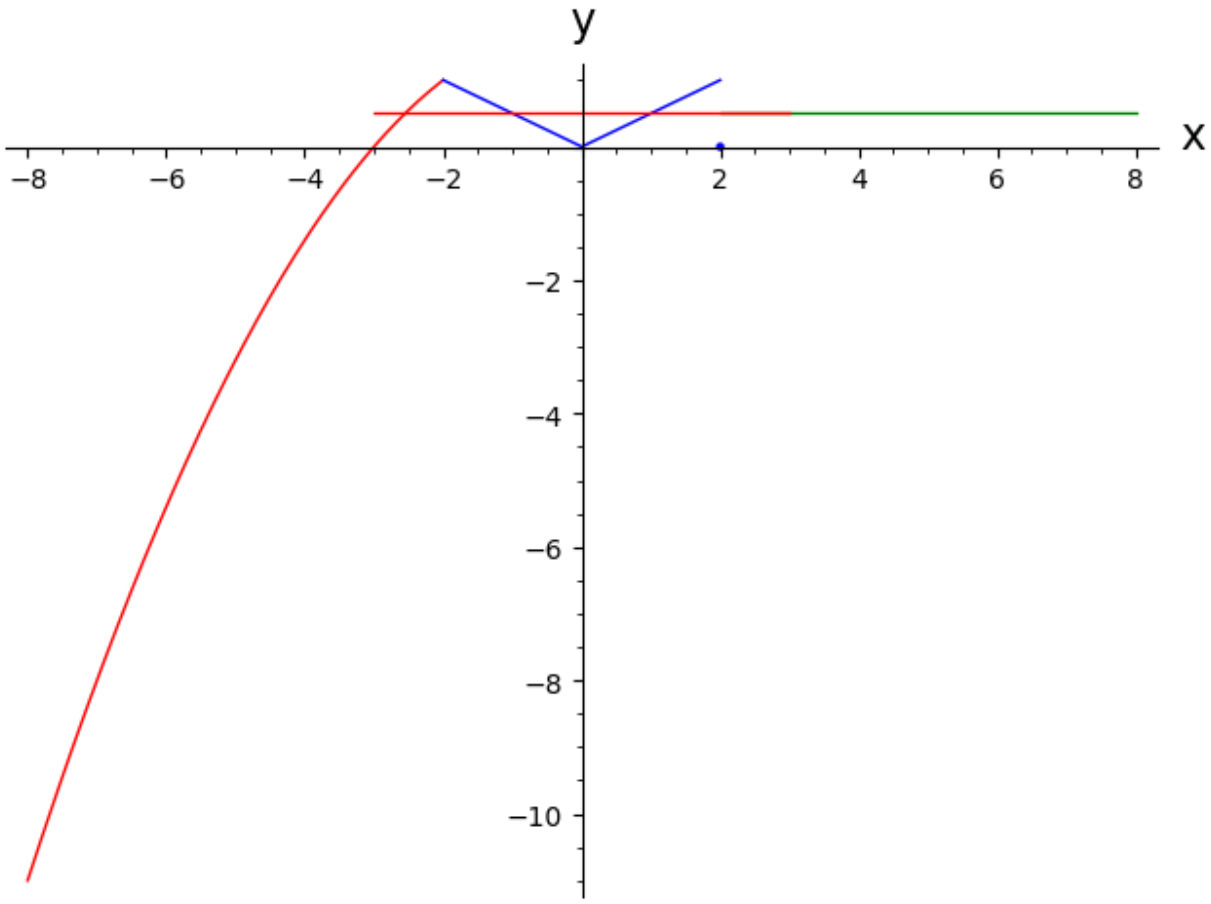
In [32]:
```
f = plot((9-x**2)/5, (-8, -2), color='red')
g = plot(abs(x/2), (-2,2), axes_labels=['x','y'])
h = point((2,0))
i = plot(1/2, (2, 8), color='green')

show(f+g+h+i)
```



In [5]:
```
f = plot((9-x**2)/5, (-8, -2), color='red')
g = plot(abs(x/2), (-2,2), axes_labels=['x','y'])
h = point((2,0))
i = plot(1/2, (2, 8), color='green')
secant = line([(1,1/2), (-3,0)], color='purple')
secant_two = line([(1,1/2), (-1,1/2)], color='pink')

show(f+g+h+i+secant+secant_two)
```



In [8]:
```
f = plot((9-x**2)/5, (-8, -2), color='red')
g = plot(abs(x/2), (-2,2), axes_labels=['x','y'])
h = point((2,0))
i = plot(1/2, (2, 8), color='green')
tg = plot(1/2, -3, 3, rgbcolor='red')

show(f+g+h+i+tg)
```



In [ ]: