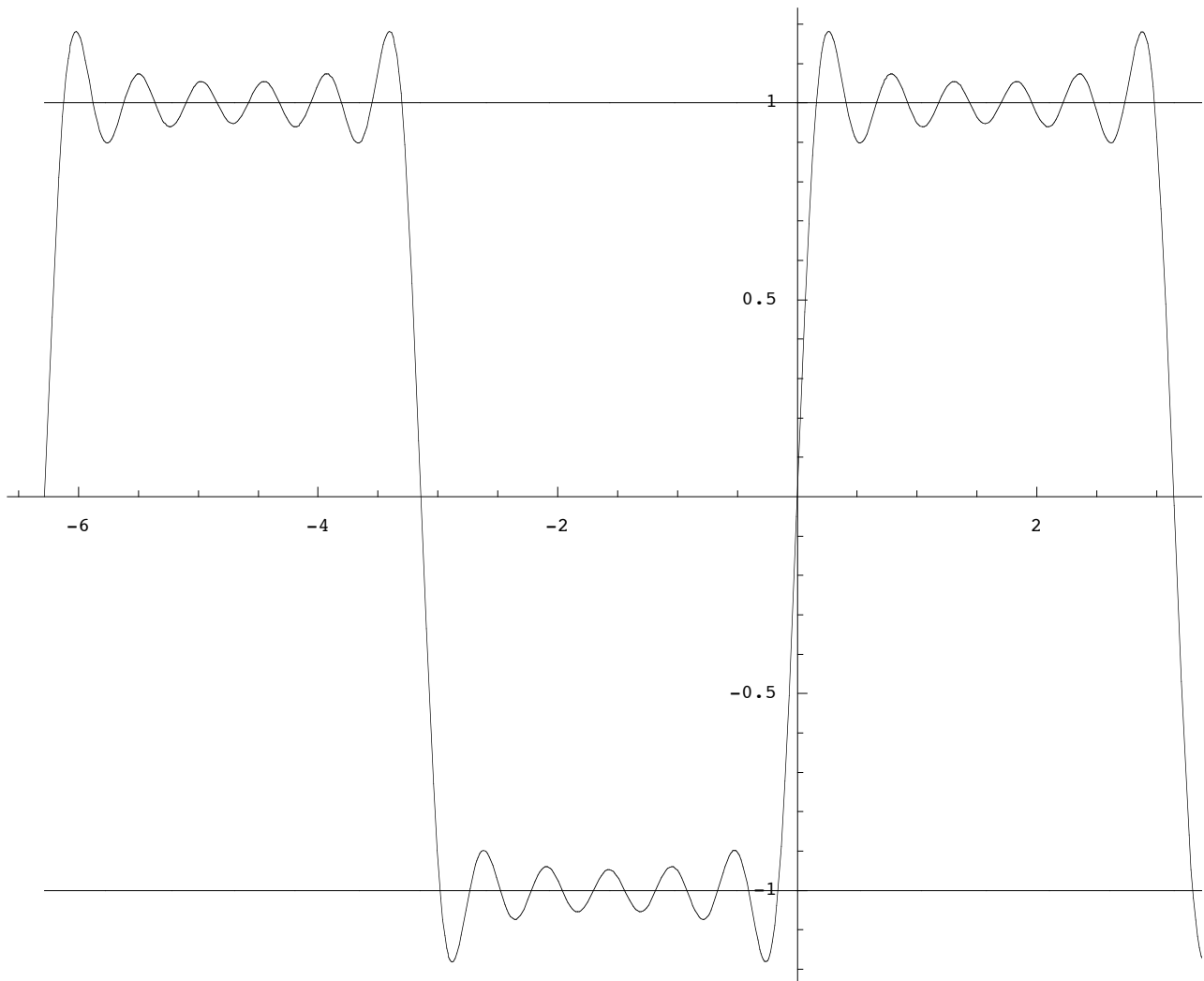


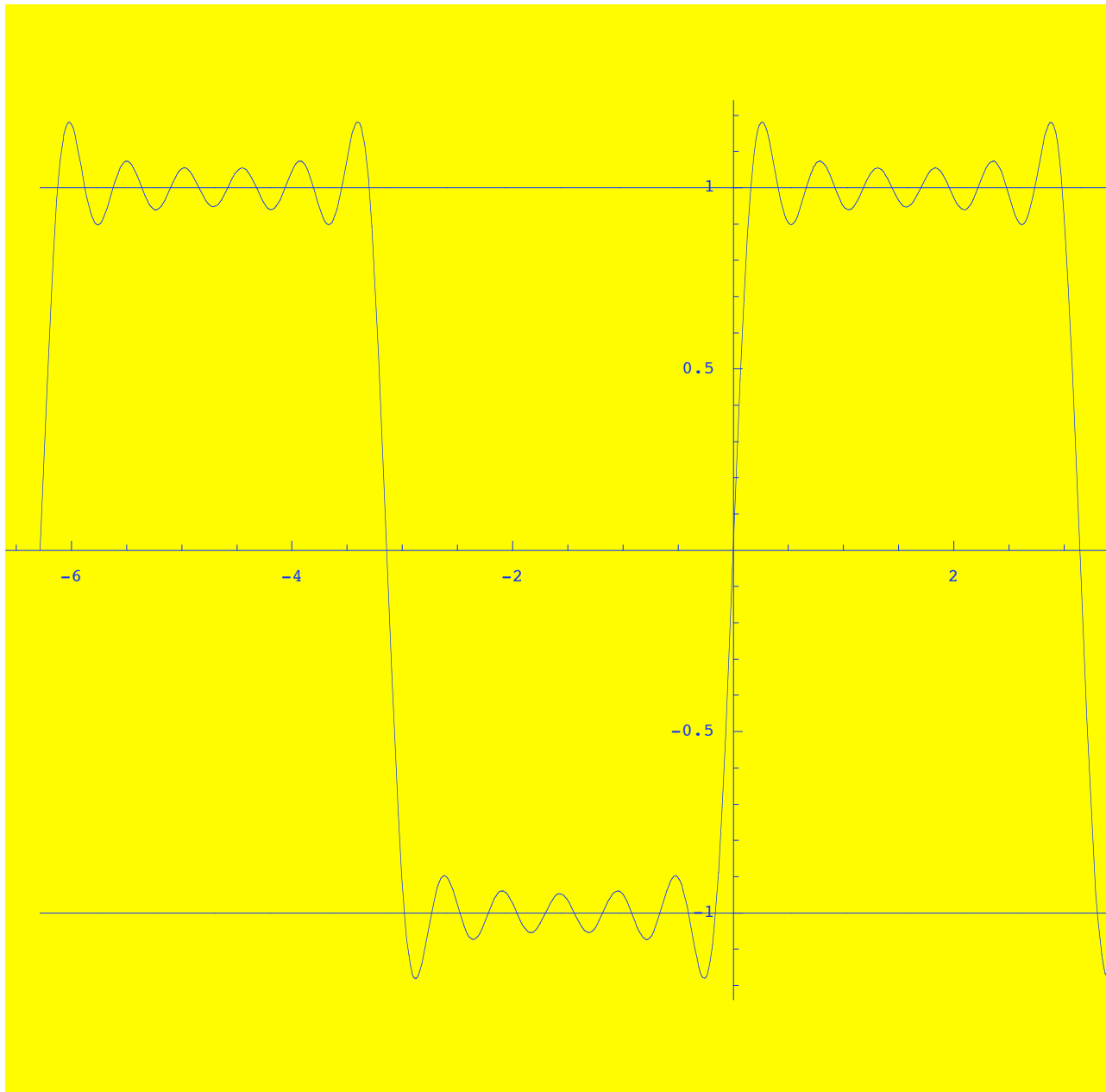
$$\text{Sq}[x_, m_] = \sum_{n=0}^m \frac{4}{(2n+1)\pi} \text{Sin}[(2n+1)x];$$

```
In[38]:= Plot[{Sq[x, 5], 1, -1}, {x, -2 Pi, 2 Pi}, ImageSize -> {800, 600}]
```



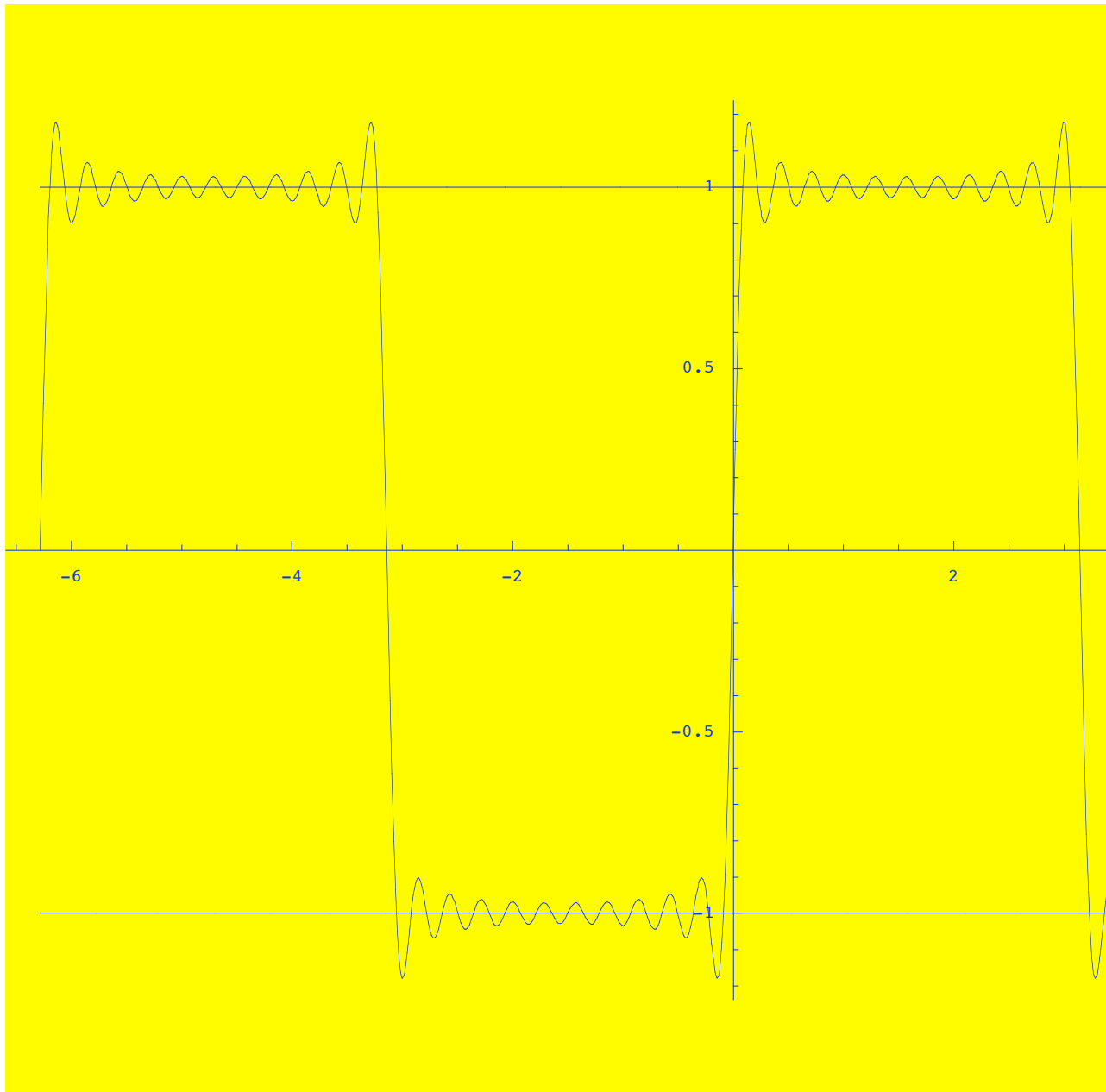
```
Out[38]= - Graphics -
```

```
In[39]:= Plot[{Sqrt[x, 5], -1, 1}, {x, -2 Pi, 2 Pi},  
             Background -> RGBColor[1, 1, 0], ImageSize -> {800, 600}]
```



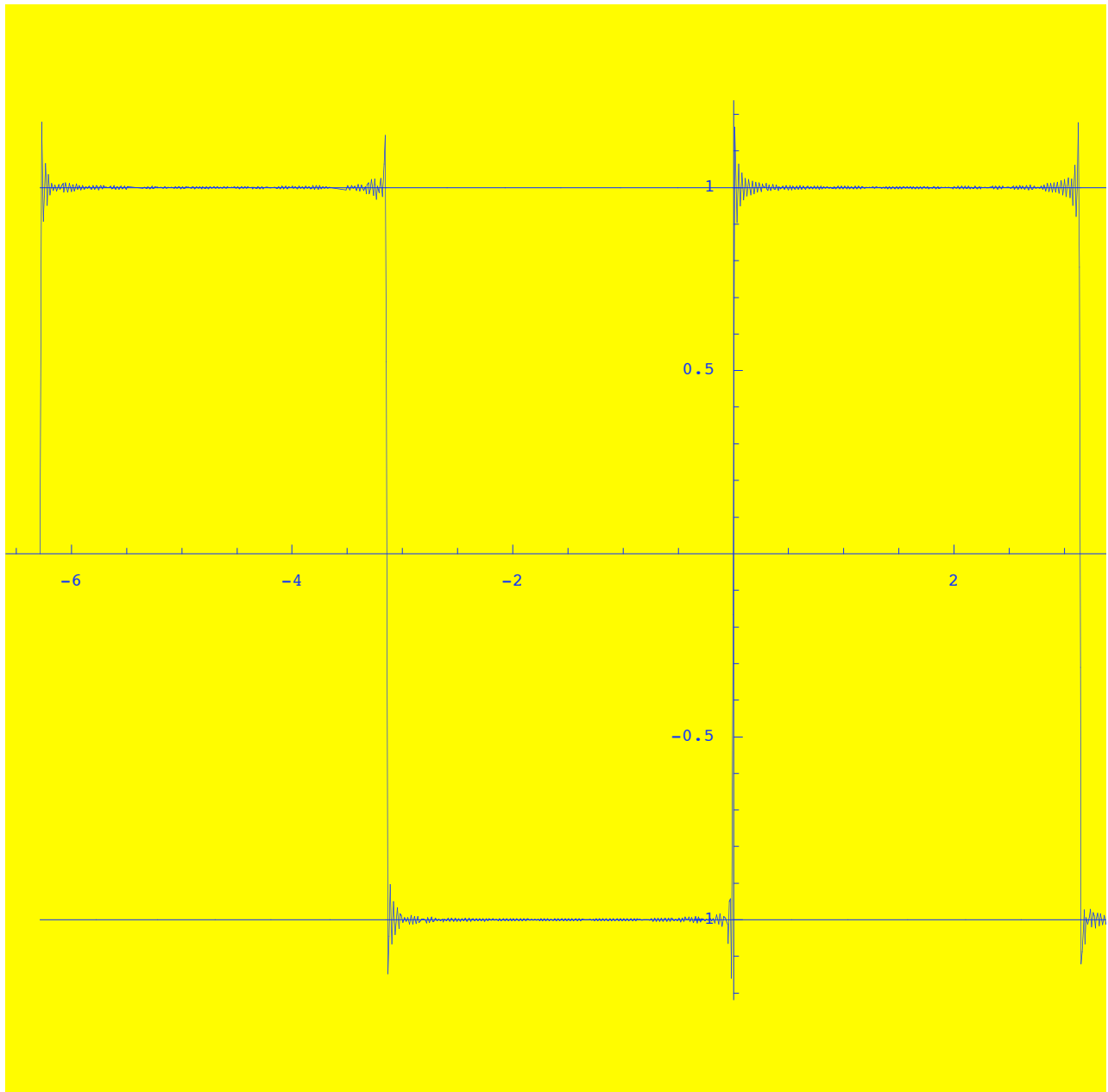
Out[39]= - Graphics -

```
In[34]:= Plot[{Sq[x, 10], -1, 1}, {x, -2 Pi, 2 Pi},  
Background -> RGBColor[1, 1, 0], ImageSize -> {800, 600}]
```



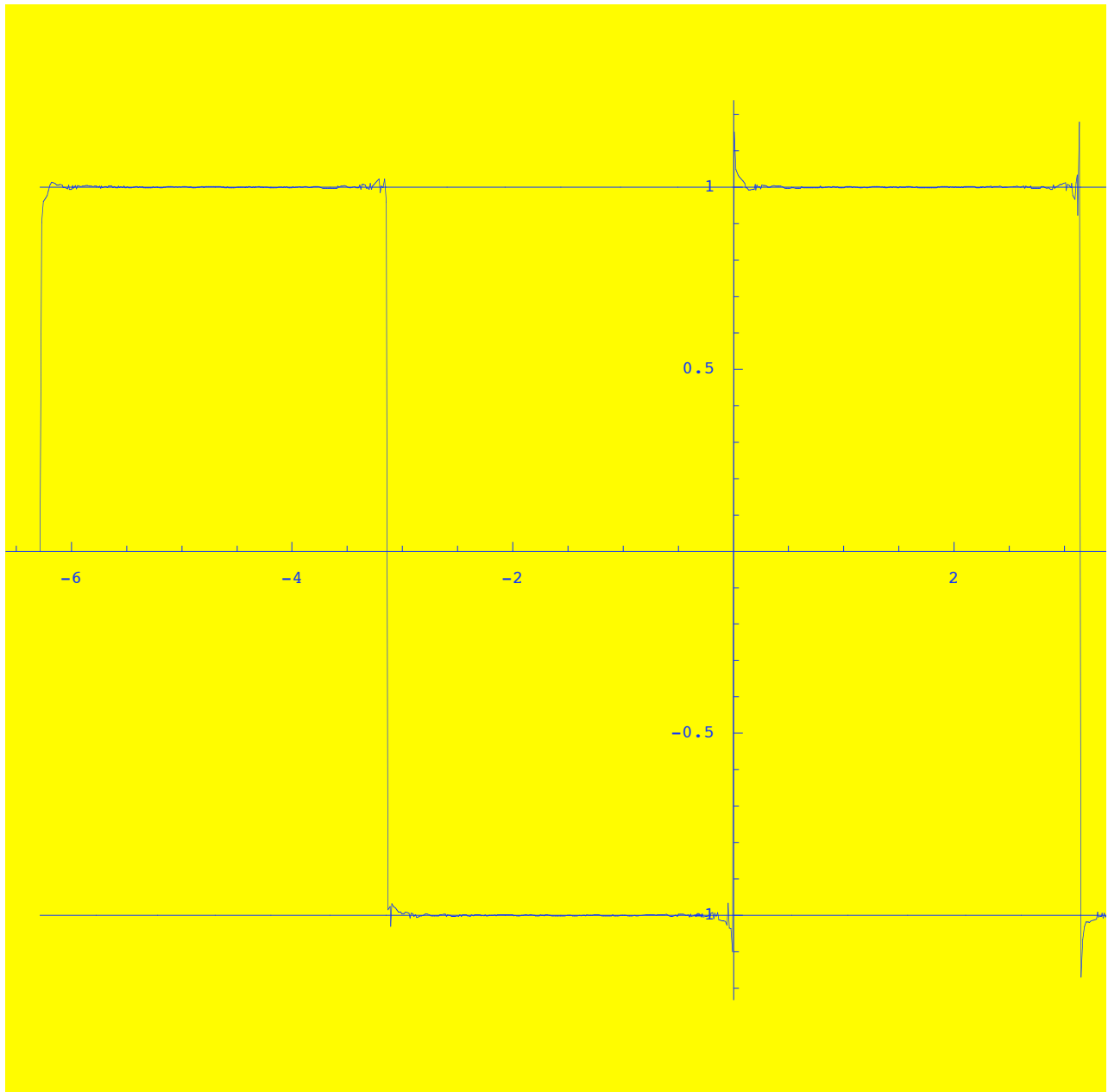
Out[34]= - Graphics -

```
In[36]:= Plot[{Sq[x, 100], -1, 1}, {x, -2 Pi, 2 Pi},  
            Background -> RGBColor[1, 1, 0], ImageSize -> {800, 600}]
```



Out[36]= - Graphics -

```
In[37]:= Plot[{Sq[x, 200], -1, 1}, {x, -2 Pi, 2 Pi},  
Background -> RGBColor[1, 1, 0], ImageSize -> {800, 600}]
```



Out[37]= - Graphics -