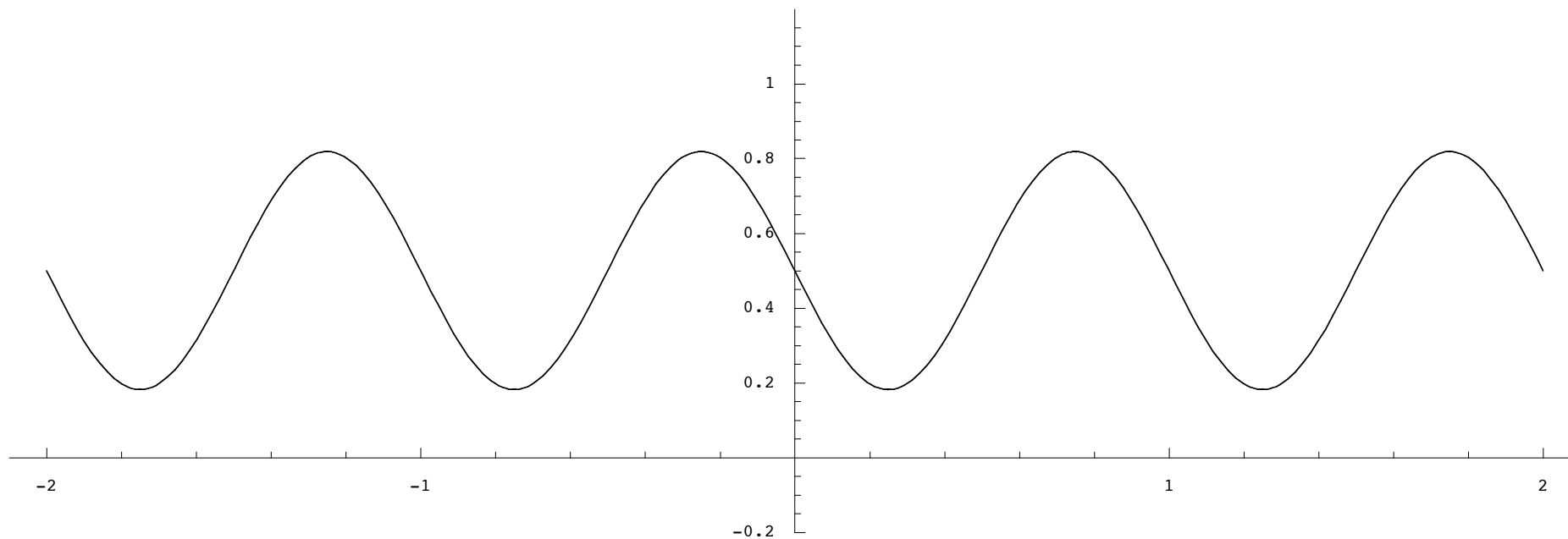
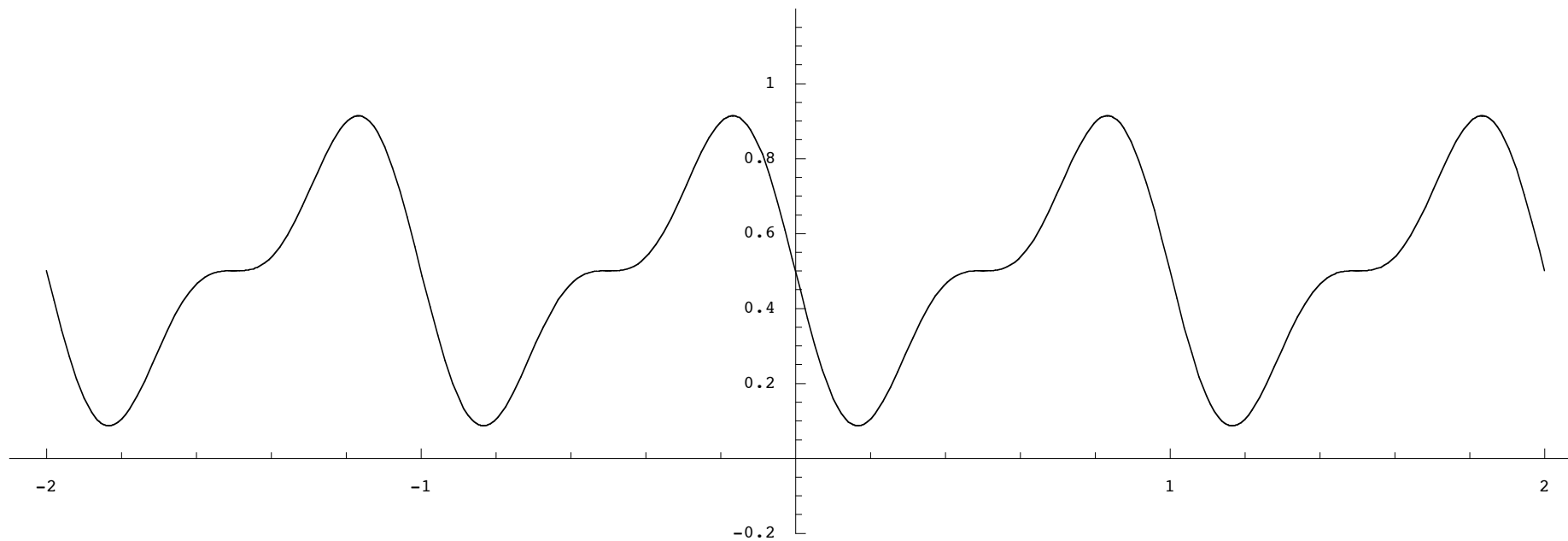


```
In[17]:= Plot[{1/2 - 1/Pi Sum[Sin[(2*Pi*k)*x]/k, {k, 1, 1}], {x, -2, 2}, PlotPoints -> 200,  
  AspectRatio -> Automatic, PlotRange -> {-0.2, 1.2}, PlotStyle -> {{Thickness[0.001]}}
```



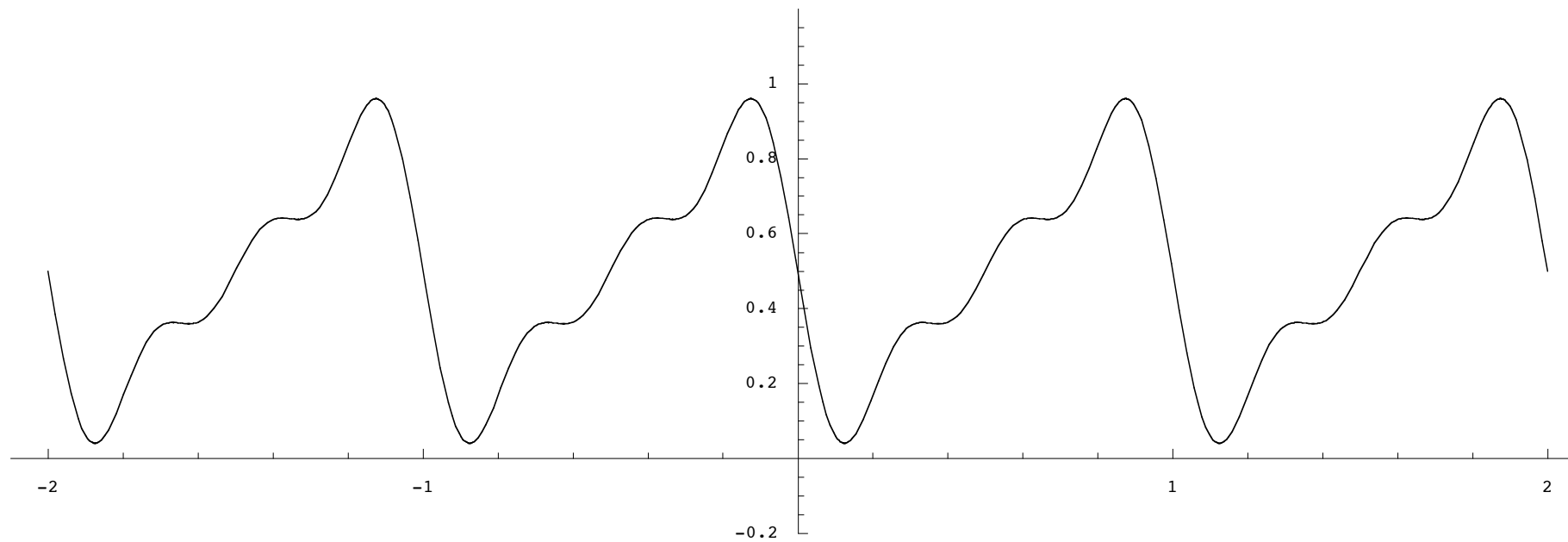
```
Out[17]= - Graphics -
```

```
In[18]:= Plot[{1/2 - 1/Pi Sum[Sin[(2*Pi*k)*x]/k, {k, 1, 2}]], {x, -2, 2},  
  PlotPoints -> 200, AspectRatio -> Automatic, PlotRange -> {-0.2, 1.2},  
  PlotStyle -> {{Thickness[0.001]}}
```



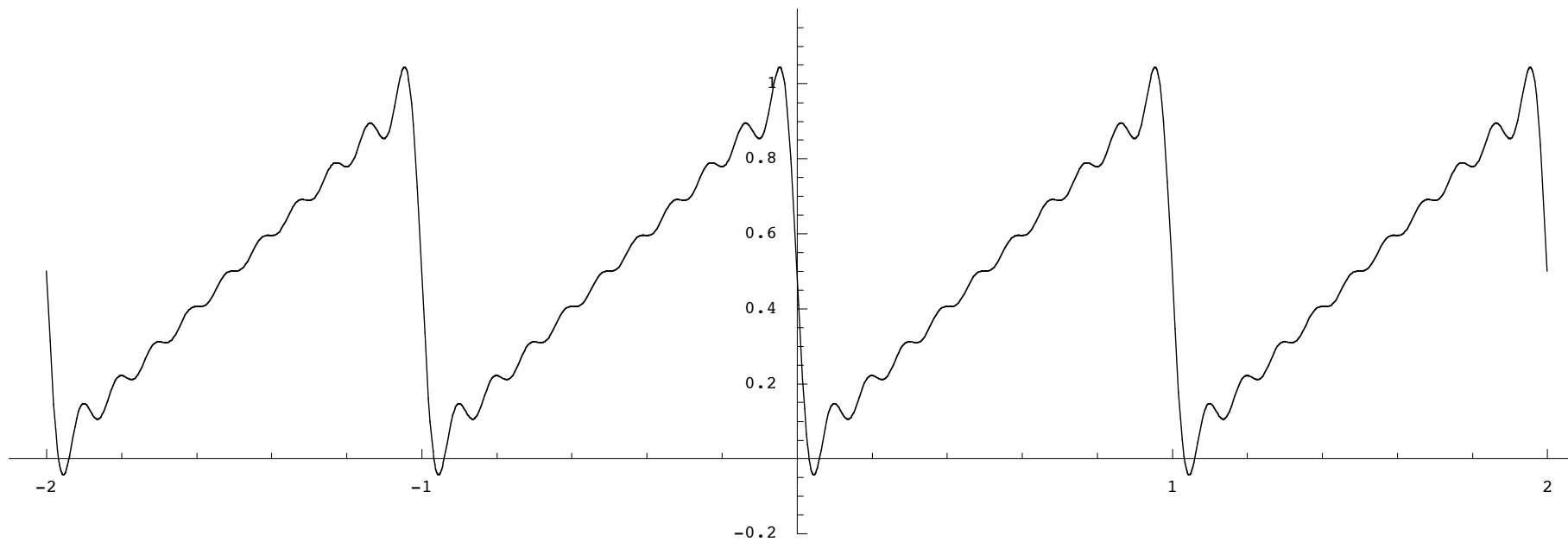
```
Out[18]= - Graphics -
```

```
In[19]:= Plot[{1/2 - 1/Pi Sum[Sin[(2*Pi*k)*x]/k, {k, 1, 3}]}, {x, -2, 2},  
  PlotPoints -> 200, AspectRatio -> Automatic, PlotRange -> {-0.2, 1.2},  
  PlotStyle -> {{Thickness[0.001]}}
```



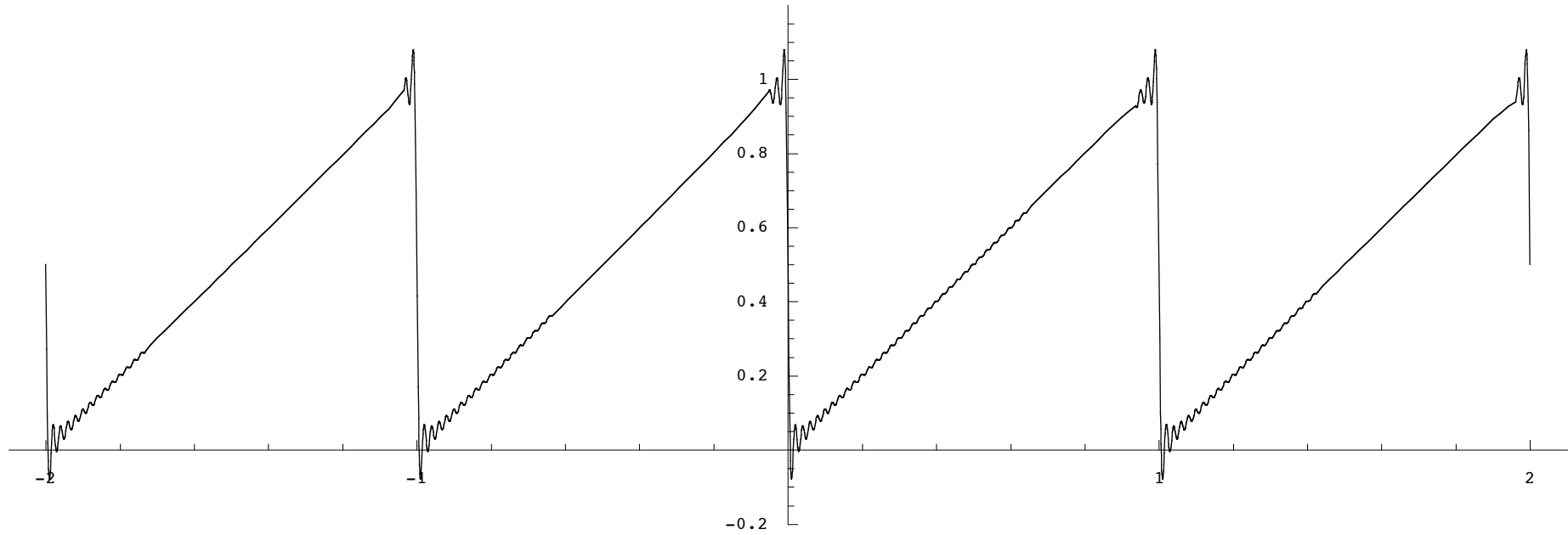
```
Out[19]= - Graphics -
```

```
In[20]:= Plot[{1/2 - 1/Pi Sum[Sin[(2*Pi*k)*x]/k, {k, 1, 10}]}, {x, -2, 2},  
  PlotPoints -> 200, AspectRatio -> Automatic, PlotRange -> {-0.2, 1.2},  
  PlotStyle -> {{Thickness[0.001]}}
```



```
Out[20]= - Graphics -
```

```
In[21]:= Plot[{1/2 - 1/Pi Sum[Sin[(2*Pi*k)*x]/k, {k, 1, 50}]}, {x, -2, 2},  
  PlotPoints -> 200, AspectRatio -> Automatic, PlotRange -> {-0.2, 1.2},  
  PlotStyle -> {{Thickness[0.001]}}
```



```
Out[21]= - Graphics -
```