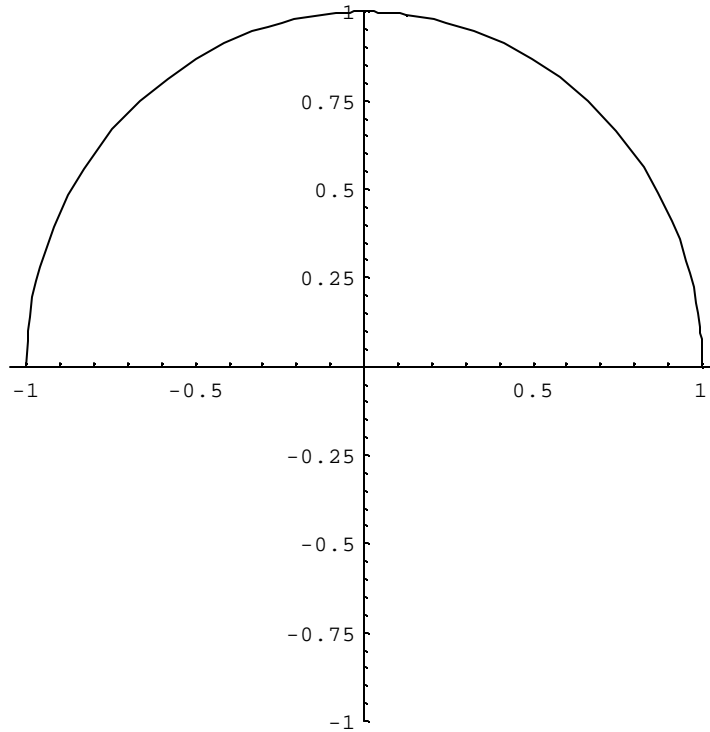


```
In[1]:= f[x_] :=  $\sqrt{1-x^2}$ 
```

```
In[2]:= Plot[f[x], {x, -1, 1},  
PlotRange -> {-1, 1}, AspectRatio -> 1]
```



```
Out[2]= - Graphics -
```

```
In[3]:= ti := i / 100.
```

```
In[4]:=  $4 \sum_{i=1}^{100} (t_i - t_{i-1}) f[t_i]$ 
```

```
Out[4]= 3.12042
```

```
In[5]:=  $4 \sum_{i=1}^{100} (t_i - t_{i-1}) f[t_{i-1}]$ 
```

```
Out[5]= 3.16042
```