

```
In[5]:= Sum[1/n^6, {n, 1, Infinity}]
```

```
Out[5]=  $\frac{\pi^6}{945}$ 
```

```
In[6]:= NSum[1/n^6, {n, 1, Infinity}]
```

```
Out[6]= 1.01734
```

```
In[7]:= NumberForm[1.01734, 16]
```

```
Out[7]/NumberForm=  
1.017343061991184
```