

```
In[1]:= data = {7., 1., 12., 3., 4.}
OrderedData = Sort[data]
n = Length[data]
```

```
Out[1]= {7., 1., 12., 3., 4.}
```

```
Out[2]= {1., 3., 4., 7., 12.}
```

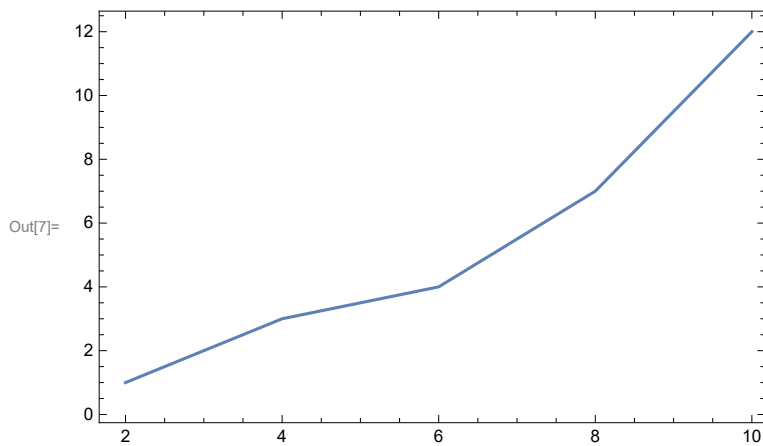
```
Out[3]= 5
```

```
In[4]:= pvec = Table[k / (n + 1), {k, 1, n}] // N
qvec = Quantile[UniformDistribution[{0, Max[data]}], pvec]
qqPlotVec = Transpose[{qvec, OrderedData}]
ListLinePlot[qqPlotVec, Frame → True]
```

```
Out[4]= {0.166667, 0.333333, 0.5, 0.666667, 0.833333}
```

```
Out[5]= {2., 4., 6., 8., 10.}
```

```
Out[6]= {{2., 1.}, {4., 3.}, {6., 4.}, {8., 7.}, {10., 12.}}
```



```
In[8]:= pvec = Table[k / (n + 1), {k, 1, n}] // N
qvec = Quantile[ExponentialDistribution[1 / Mean[data]], pvec]
qqPlotVec = Transpose[{qvec, OrderedData}]
ListLinePlot[qqPlotVec, Frame → True]
```

```
Out[8]= {0.166667, 0.333333, 0.5, 0.666667, 0.833333}
```

```
Out[9]= {0.984536, 2.18951, 3.74299, 5.93251, 9.6755}
```

```
Out[10]= {{0.984536, 1.}, {2.18951, 3.}, {3.74299, 4.}, {5.93251, 7.}, {9.6755, 12.}}
```

