**10000 Samples () With Uniform Distribution**

A graph of a graph

Description automatically generated

Observed average percent error: 1.3752%

**1000 Samples () With Uniform Distribution**

**A graph of a graph with a line graph

Description automatically generated with medium confidence**

Observed average percent error: 1.832%

**100 Samples () With Uniform Distribution**

**A graph of a graph

Description automatically generated**

Observed average percent error: -2.0762%