

Enter lower bound limit

Lower bound limit: 0

Enter upper bound limit

Upper bound limit: 3.142

Enter number of intervals

Enter intervals: 5

The solution using Simpsons 1/3rd Rule is:

Y: 0.0000, Area: 0.08, Sum: 0.0794

Y: 0.3694, Area: 0.48, Sum: 0.5628

Y: 1.1954, Area: 0.97, Sum: 1.5339

Y: 1.7928, Area: 1.09, Sum: 2.6216

Y: 1.4768, Area: 0.52, Sum: 3.1418

integral =

3.1418

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