9.2 The Trapezoidal Rule

The Trapezoidal Rule –

Find the area underneath the curve $y = x^2 + 1$ on the interval $[0, 3]$ using the Trapezoidal Rule with $n = 3$ trapezoids.

Approximate the area beneath $y = \sin x$ on the interval $[0, \pi]$ using the Trapezoidal Rule with $n = 4$ trapezoids.