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п	1	2	3	4	5
Value	16520	15421	15212	15138	15104

The number of significant digits at least correct in the answer for n=5 is













A scientist would derive one-point Gauss Quadrature Rule based on getting exact results of integration for function $f(x) - a_{0b} + a_{1x}$. The one-point rule approximation for the integral $\int f(x) dx$ is A. $\frac{b-a}{2}[f(a)+f(b)]$ B. $(b-a)f(\frac{a+b}{2})$ C. $\underbrace{b-a}_{2} \left[f\left(\frac{b-a}{2}\left\{\frac{-1}{\sqrt{3}}\right\} + \frac{b+a}{2}\right) + \right] \\ f\left(\frac{b-a}{2}\left\{\frac{1}{\sqrt{3}}\right\} + \frac{b+a}{2}\right) \right]$ **0% 0%** 0% **0% 0%** D. (b-a)f(a)2 З. 4. 5. http://nm.mathforcollege.com 1.













