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$$\begin{aligned}x &= 1.5 \\ \ell_7(1.5) &= \left[ \frac{1}{12} \frac{(1.5-1)^2(1.5-3)^2}{f(1.5) - H(1.5)} \right]^{1/3} \\ &\approx \left[ \frac{1}{12} \frac{(0.25)(2.25)}{(1.5)(h(1.5)) - (0.59948)} \right]^{1/3} \\ &\approx 1.7518\end{aligned}$$