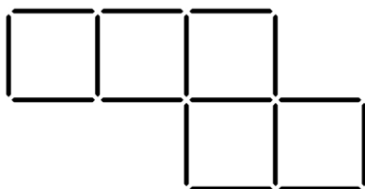


1. Use the Trapezoidal Rule with $n = 4$ steps to approximate $\int_{-1}^1 (x^2 - 1)dx$ and estimate the error in the approximation (i.e. find an upper bound for $|E_T|$). Evaluate the integral directly and find $|E_T|$.

Q: What gets wet when drying?

Bonus puzzle!

Move 2 line segments to make 4 squares.
One square will be larger than the other 3.