

Planting the Seeds of Calculus in Algebra 2 and Precalculus

In-class Experiment

Get a piece of paper. Call the area of the paper 1.

Step 1 Take your piece of paper and fold it in half. Cut into two pieces.

Step 2 Place one half on the desk in front of you. Write the area of the piece on your desk. Keep the other half in your hand.

Step 3 Repeat steps 1 and 2 with the piece of paper in your hand.

Repeat this process a few times.

Cut #	Area of paper in hand	Area of each rectangle on your desk	Sum of the area on your desk (a single #)