

Fractal Dimensions Exploration Questions

This activity allows the user to calculate the fractal dimension of a series of regular fractals without access to a calculator. Generators for eleven line deformation fractals and two geometric fractals are shown for which the scale factor and the number of copies must be input correctly.

Directions: Work through the eleven line deformation and two geometric fractals, filling in the chart below.

Sketch of Generator	Scale Factor	Number of Copies	Fractal Dimension

