

1067-Z1-2254 **A Melissa Glass*** (cookma9@wfu.edu), 2933 Maggie Way, Boonville, NC 27011. *Fractals and their Dimensions*. Preliminary report.

Fractals are well known for thier interesting and beautiful pictures. But mathematically, fractals are known for their dimensions. First, we will define some well known examples. Next, we will discuss different notions of dimension. Then we will compute some dimensions for the well known fractal examples. (Received September 22, 2010)