Fractal curve grading

MCS-177
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Name: __________________________

15 ORGANIZATION AND PRESENTATION

5 structure of lab clear and logical with appropriate section headings and captions
5 Is the Scheme code indented properly (and in a fixed-width font, e.g., courier)?
5 Are arguments and procedures named well?

30 length-of-c-curve

6 code is simple, correct and mirrors c-curve
3 adequately tested with explanation: why should level 1 and level 2 be length 1.414 and 2?
3 data for 4.7 presented reasonably
3 good choices of additional test cases with \(d \neq 1\)
5 clear presentation of data with varying \(d\)
10 formula for \(L(d,n)\).

12 d-curve

7 code
5 testing

18 new fractal

13 code
5 testing

2 points off for no variation in orientation

25 gasket

10 triangle
10 gasket
5 testing

2 points off if three corner points aren’t varied enough.

TOTAL