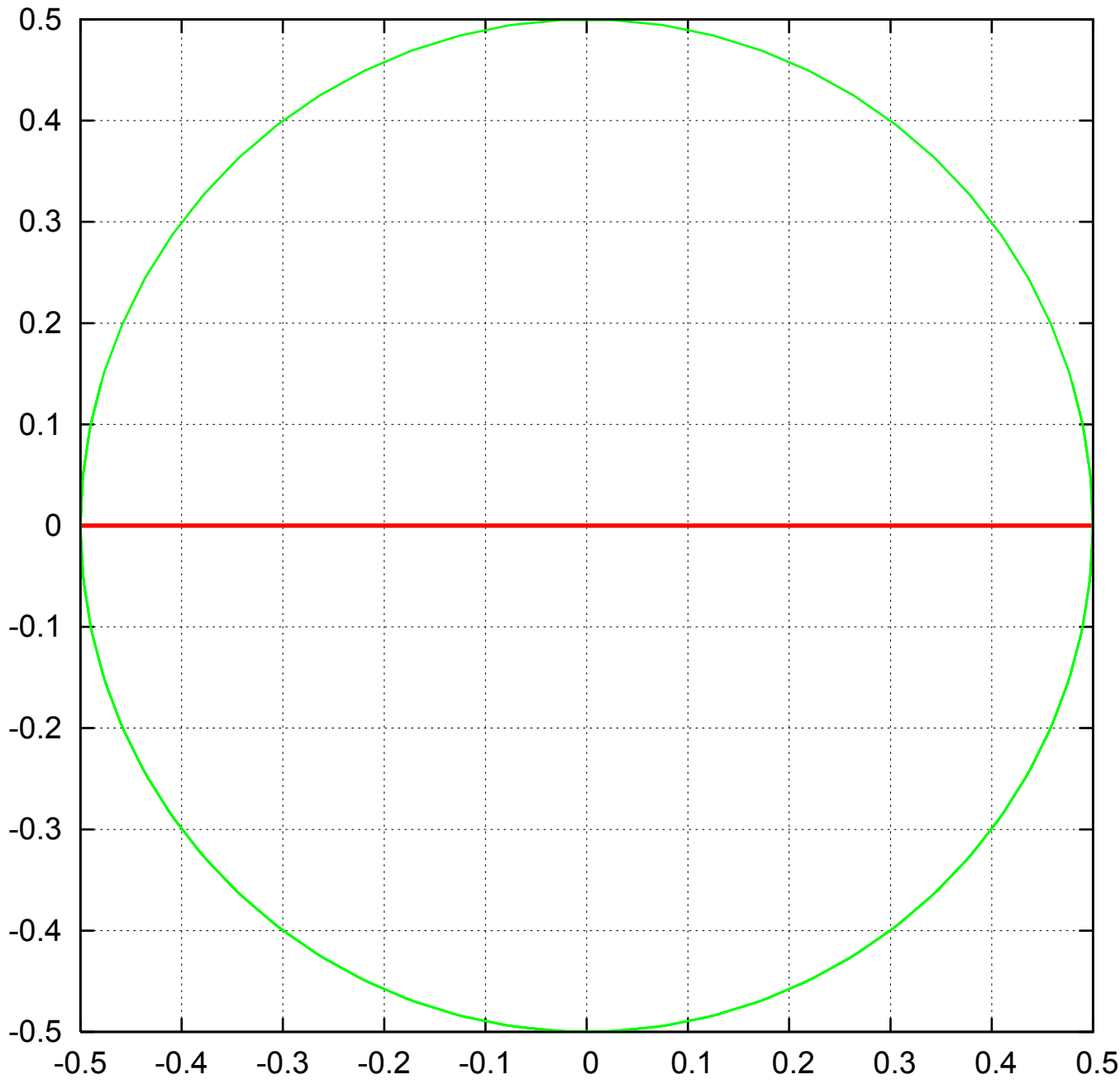
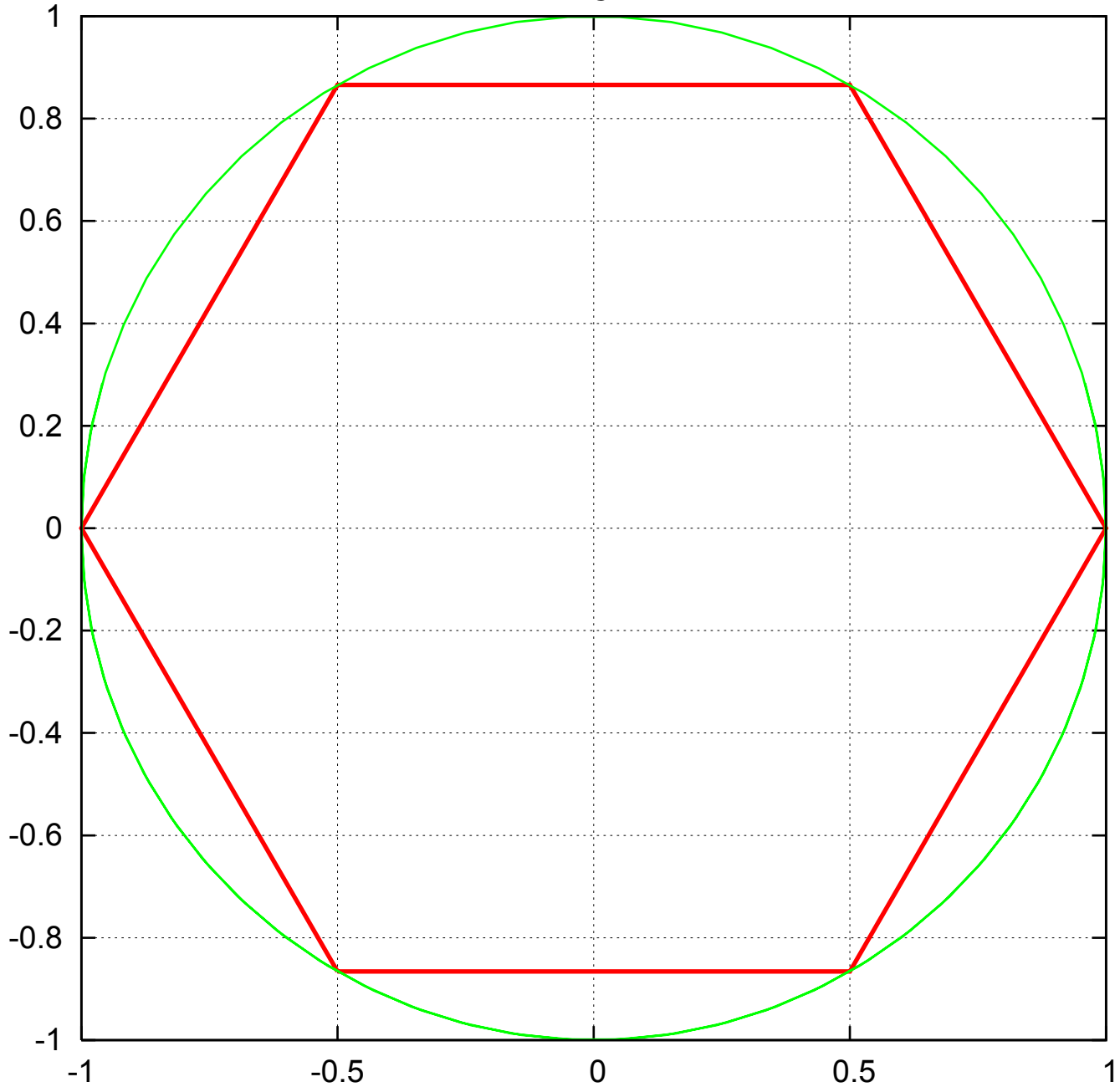


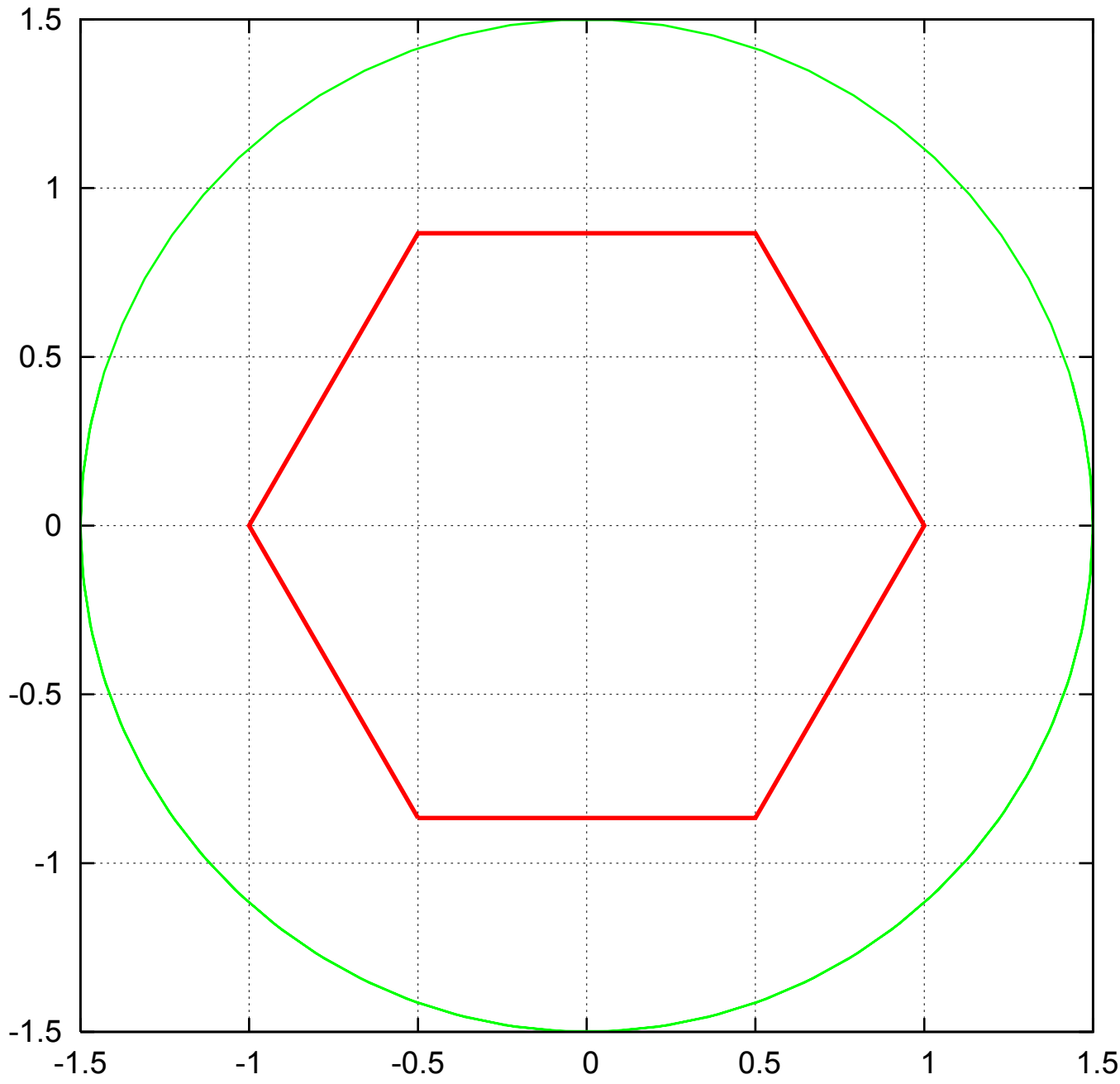
D = 1, Segments: 1



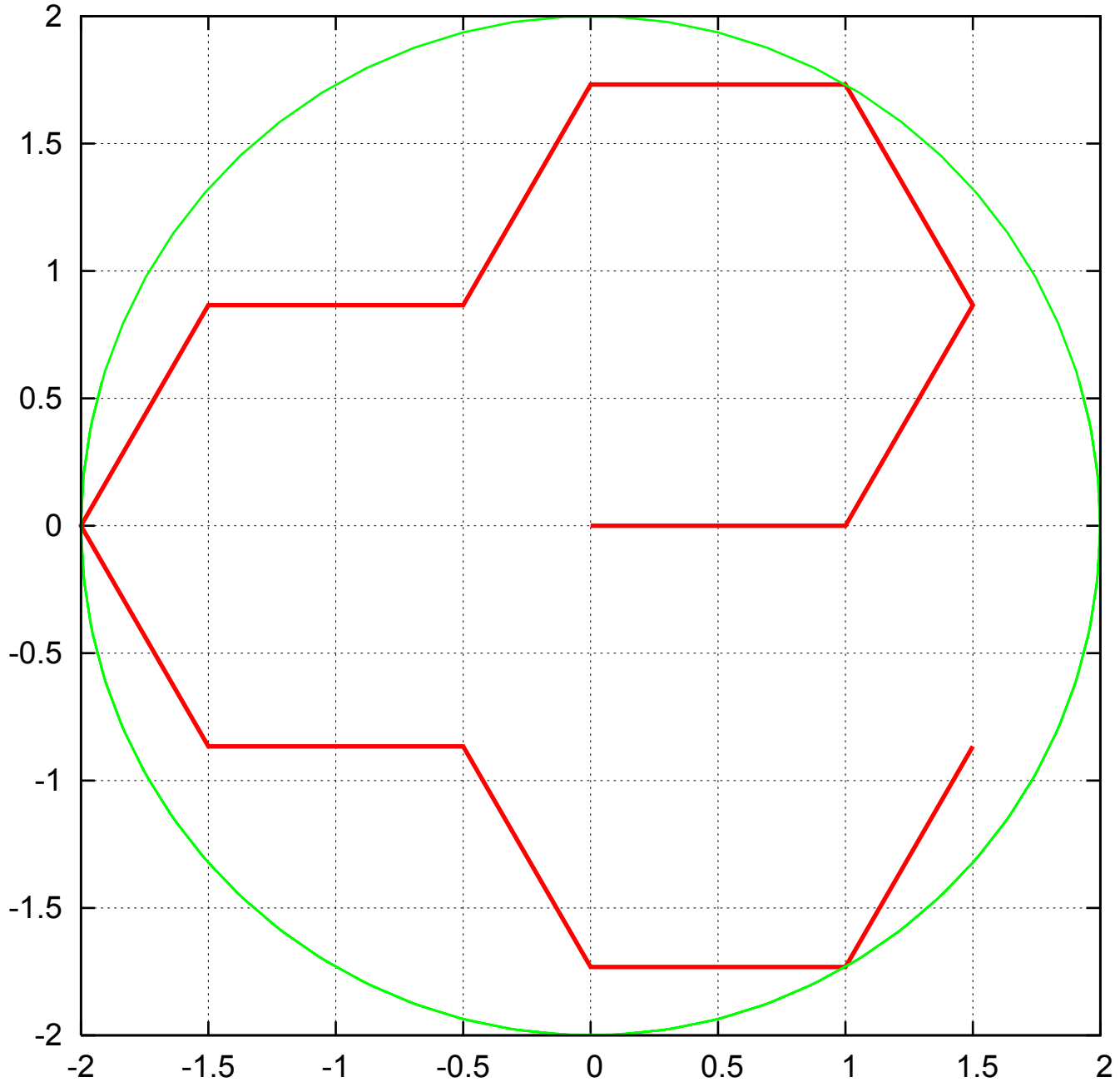
D = 2, Segments: 6



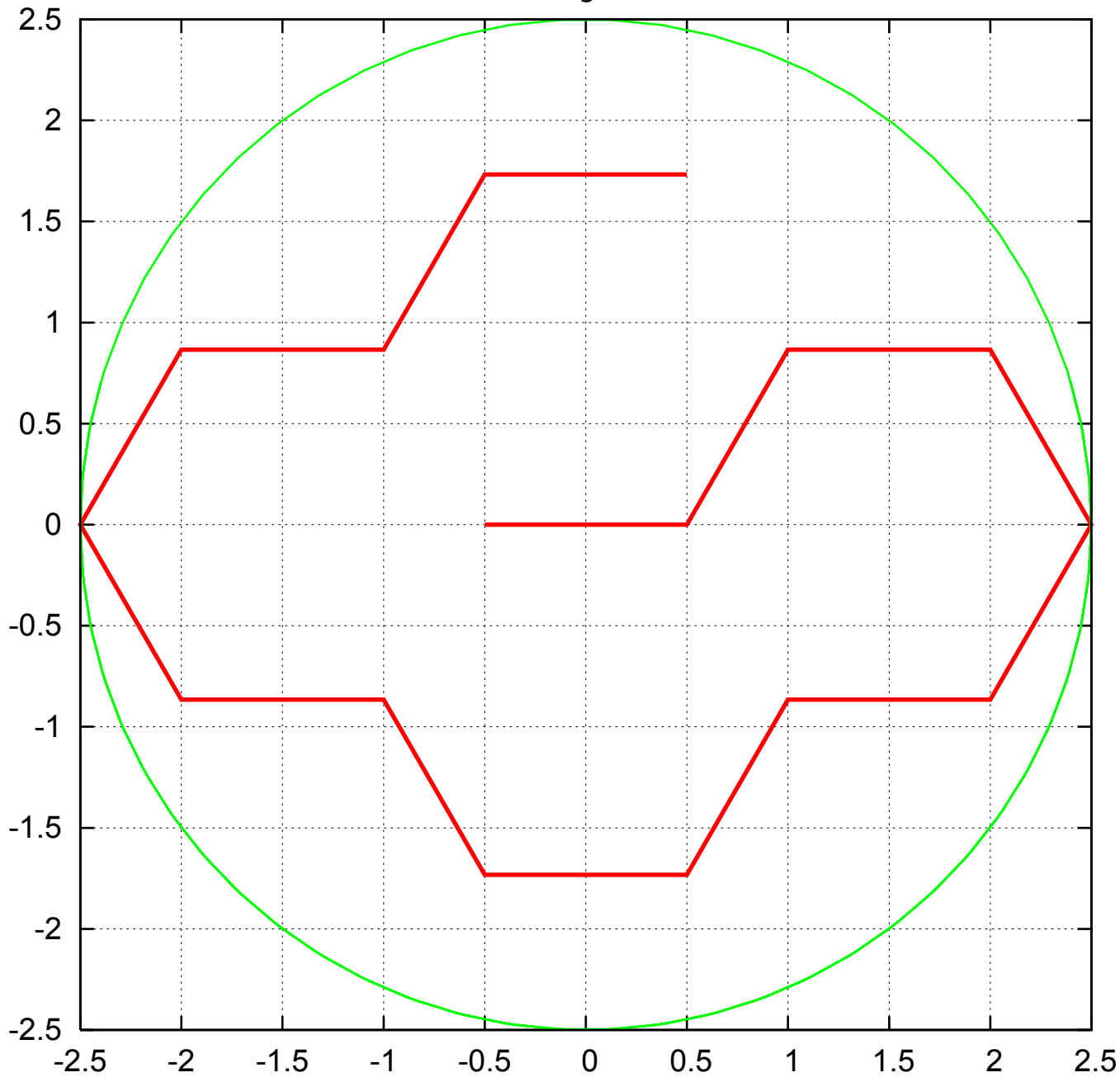
D = 3, Segments: 6



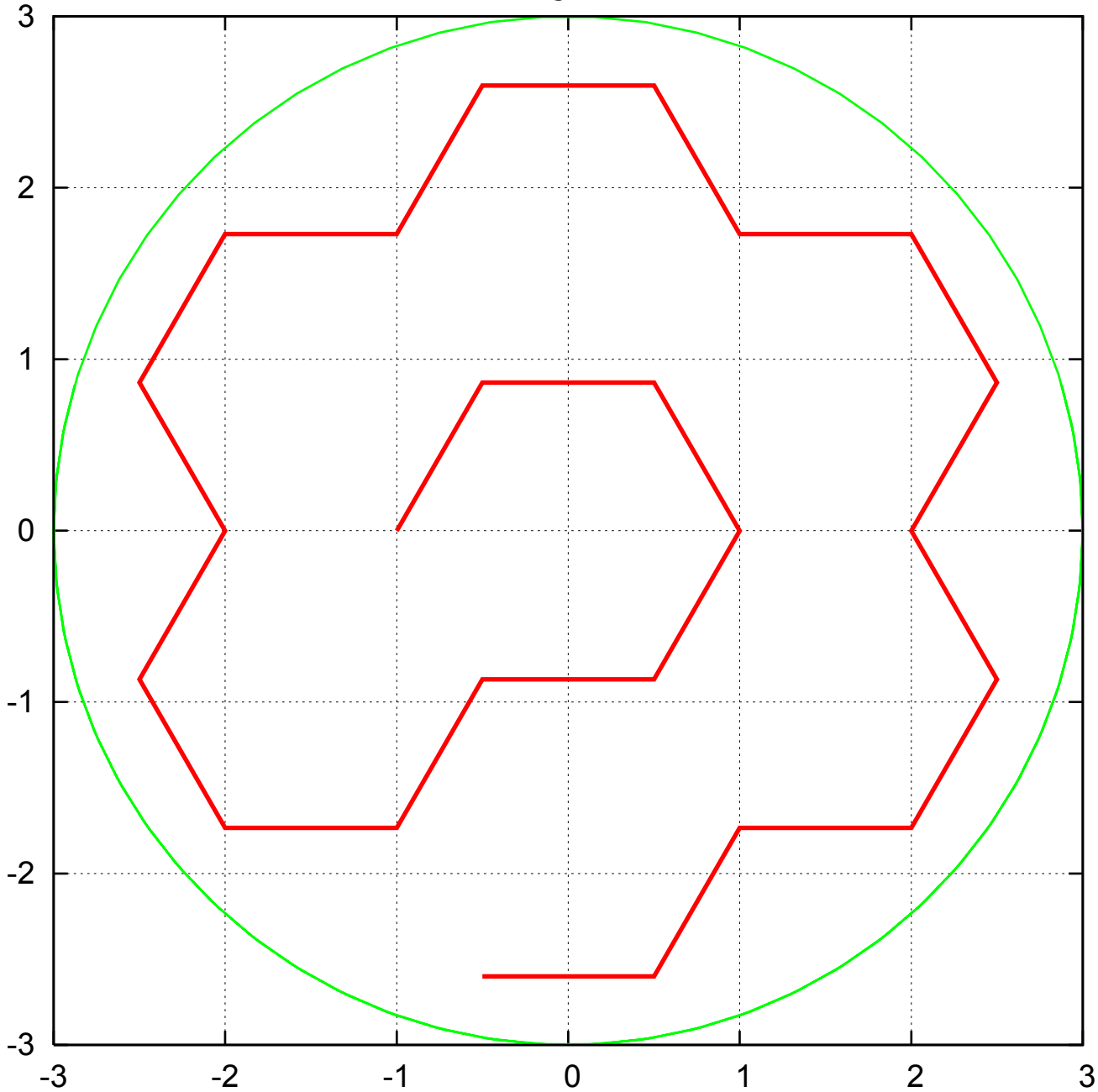
D = 4, Segments: 12



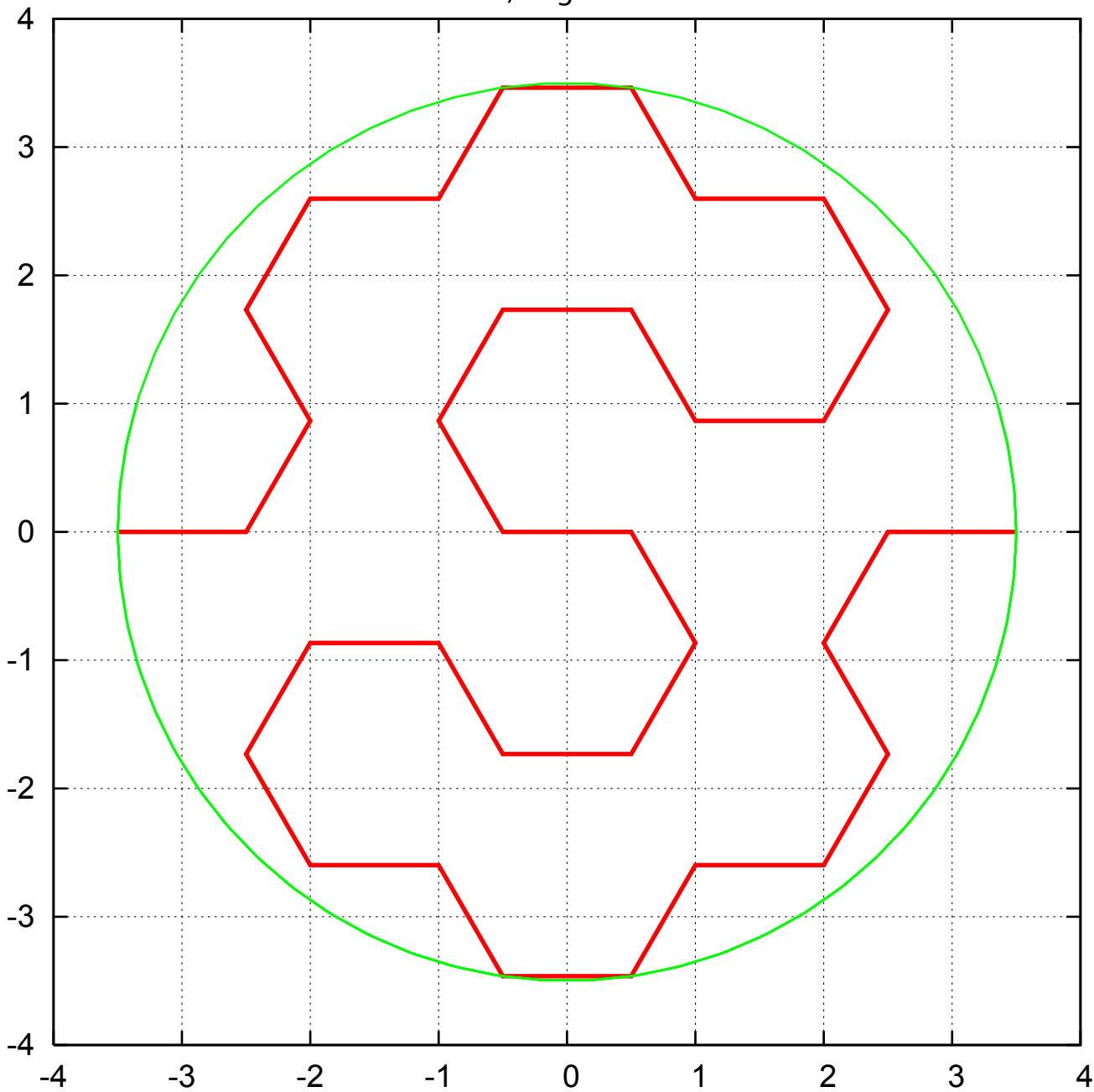
D = 5, Segments: 15



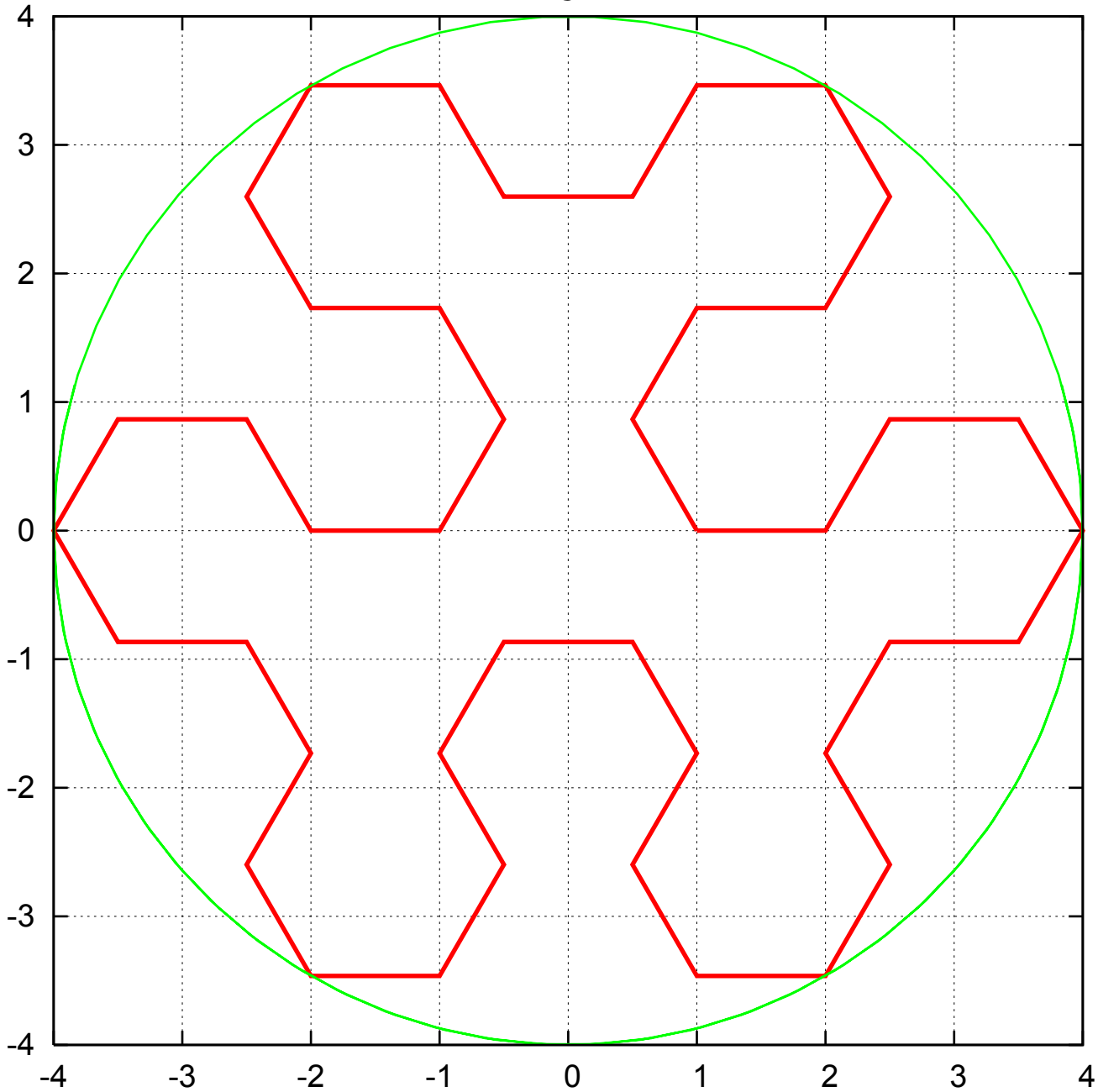
D = 6, Segments: 23



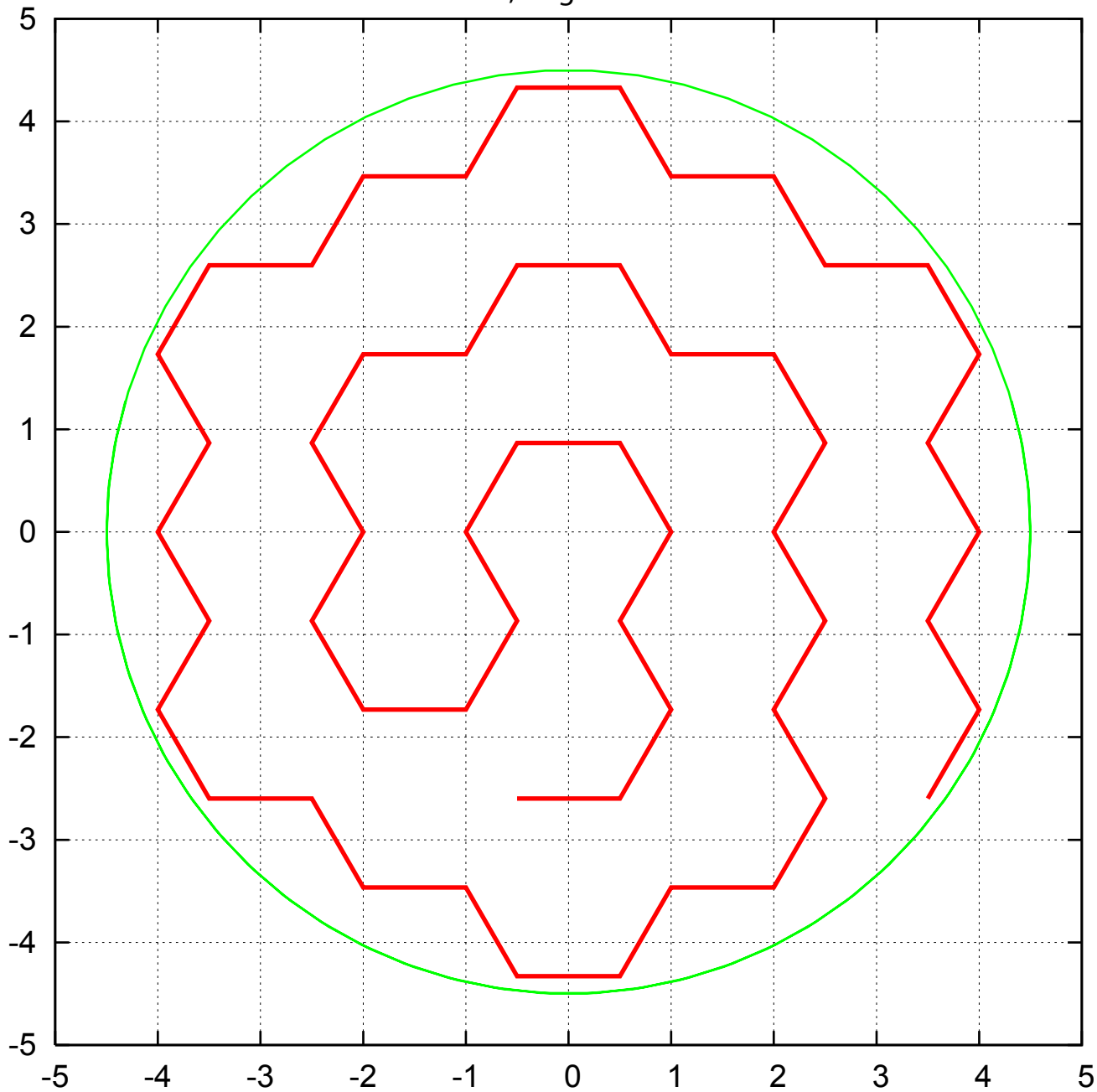
D = 7, Segments:33

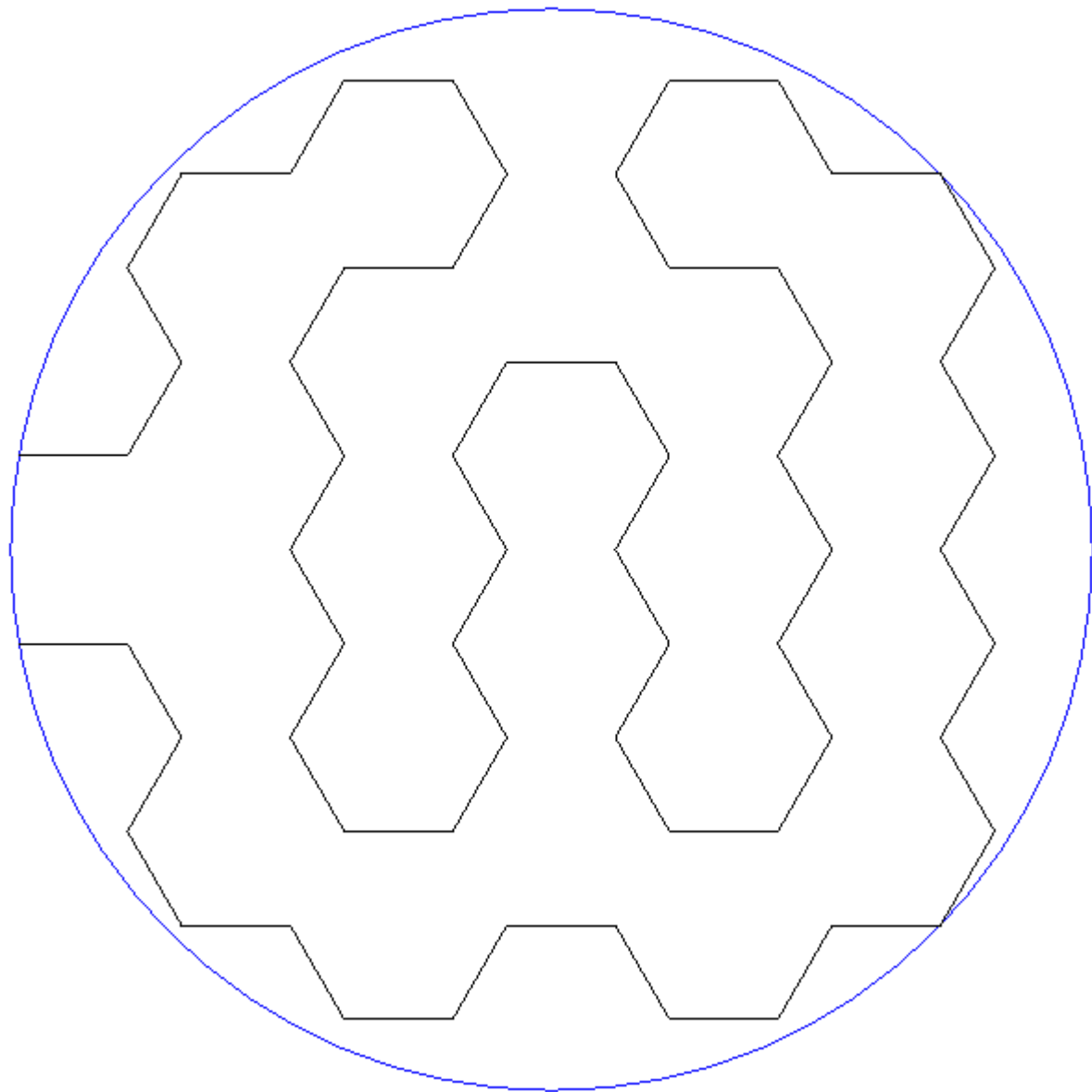


D = 8, Segments: 42

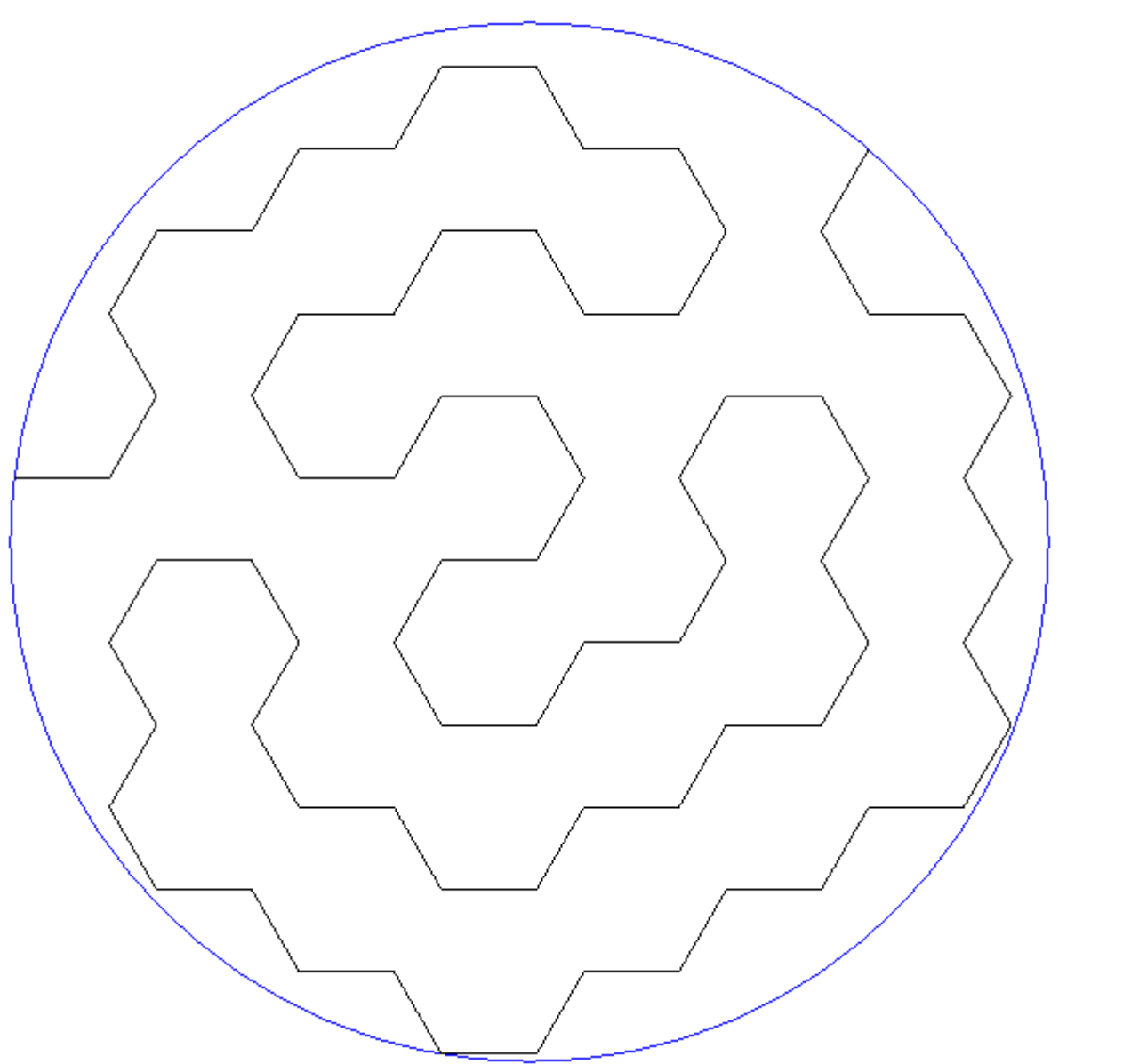


D = 9, Segments:53

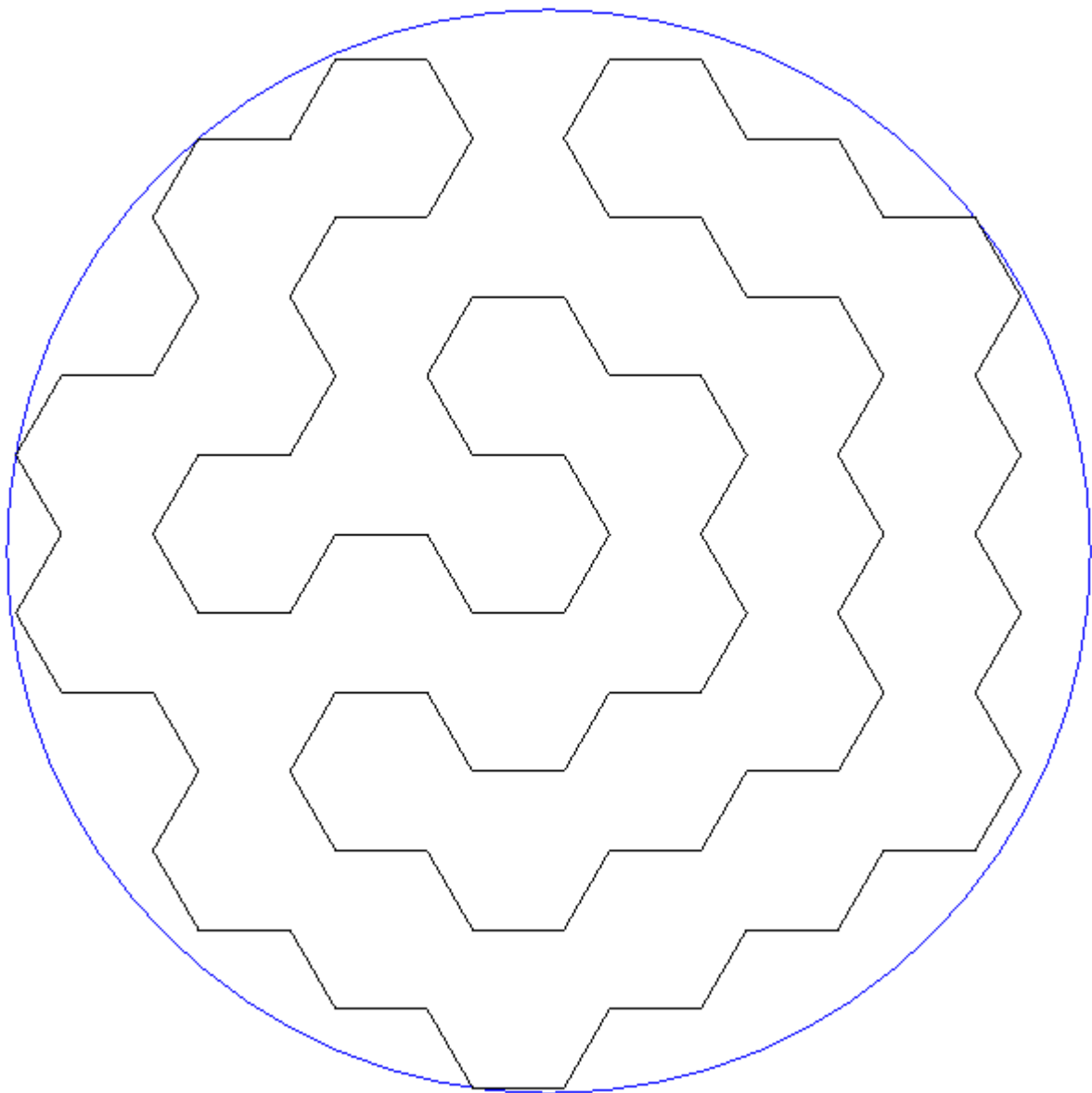




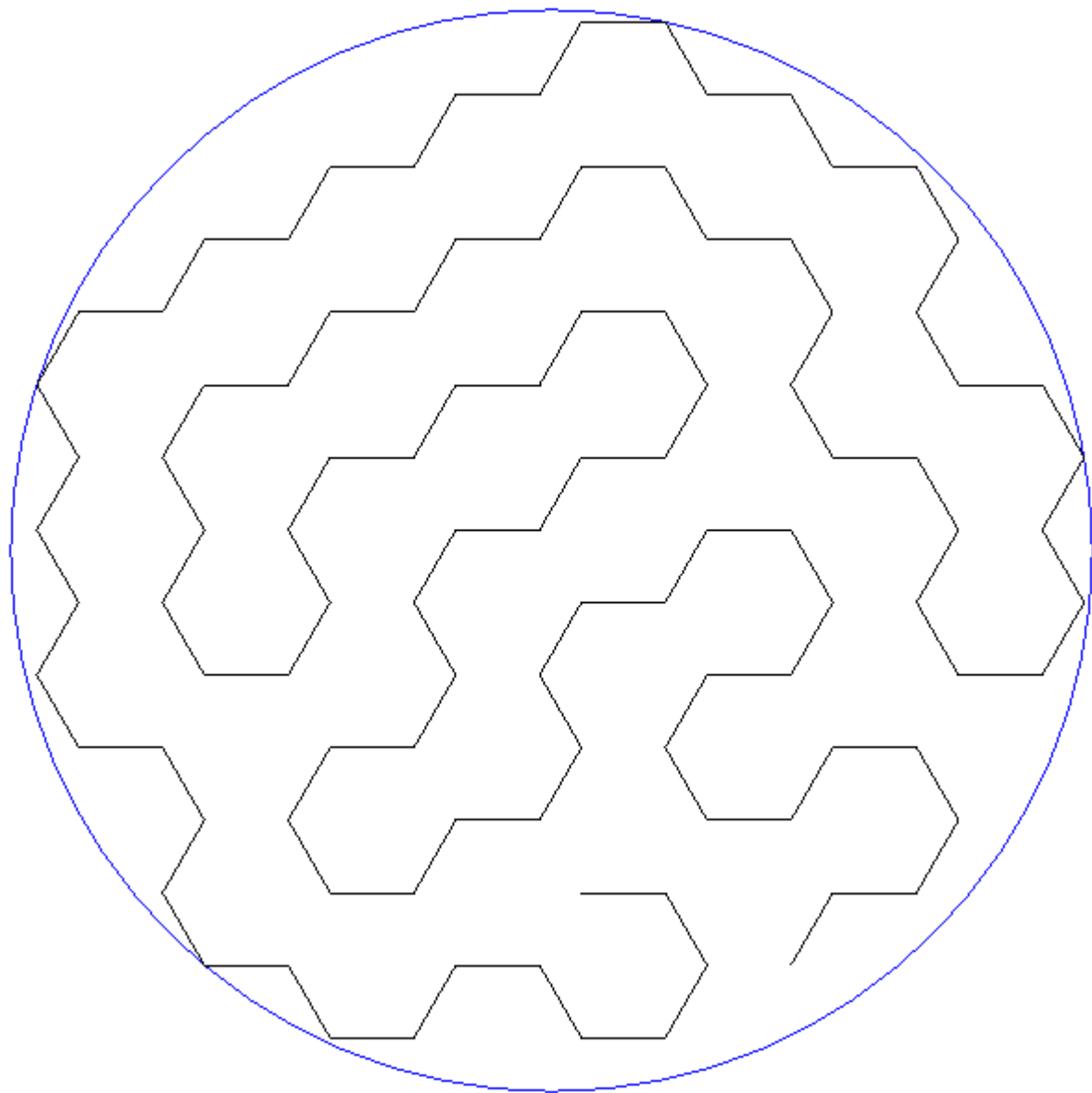
solution	3 1 1 2 2 1 2 2 1 1 2 2 1 2 2 1 2 1 2 1 2 2 1 2 2 2 2 1 1 2 1 2 1 1 1 1 2 1 2 2 2 2 1 2 1 1 1 1 2 1 2 1 1 2 2 2 2 1 2 2 1 1
segments	valid: 62 , all: 62
diameter	9.9750553935207



solution	3 2 2 1 1 2 1 2 1 1 2 1 1 1 1 2 2 1 2 2 2 2 1 1 1 1 2 2 2 1 2 2 1 1 1 2 1 1 2 1 1 2 1
segments	valid: 74 , all: 74
diameter	10.935149904293



solution	3 1 2 2 2 2 1 1 1 1 2 1 1 2 1 1 2 1 1 2 2 2 2 1 2 2 1 2 1 2 2 1 2 1 2 2 1 2 1 1 1 1 2 1 2 1 1 2 1 2 1 2 1 1 2 1 2 1 2 1 1 2 1 2 1 1 2 2 1 1 2 1 1 2 2 1 1 2 1 1 1 1 2 2 1 1 2 2 2 2
segments	valid: 90 , all: 90
diameter	11.857174730626



solution	3 1 1 1 1 2 2 1 1 2 1 1 2 2 1 1 2 1 2 1 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 2 2 1 1 2 1 1 1 1 2 2 1 1 2 2 1 2 2 1 2 1 2 1 2 2 1 2 2 2 2 1 1 2 1 2 1 1 1 1 2 1 2 2 1 1 2 2 2 2 1 2 2 1 1 2 1 1 1 1 2 2 2 2 1 1 1 1 2
segments	valid: 103 , all: 103
diameter	12.90783656923