

Leslye Hernandez

Date: 10/31/21

Location: House driveway

Bucket D1: 10.125 in.

Bucket D2: 10.125 in.

D: 0 in.

H: 59 in.

Smallest z1: 49.129

Smallest z2: 0

A= z2-z1= -49.129

R= $180 \cdot D(A \cdot \pi) = 0$

Time	S	X1	L=S+X1-D	Tan(z)=L/H	Z=Atan(L/H)
12:00	64.000 in.	5.0625 in.	69.0625 in.	1.170	49.479
12:05	63.000 in.	5.0625 in.	68.0625 in.	1.153	49.064
12:10	62.0625 in.	5.0625 in.	67.125 in.	1.137	48.668
12:15	61.0625 in.	5.0625 in.	66.125 in.	1.120	48.239
12:20	61.0625 in.	5.0625 in.	66.125 in.	1.120	48.239
12:25	61.000 in.	5.0625 in.	66.0625 in.	1.119	48.214
12:30	60.250 in.	5.0625 in.	65.3125 in.	1.106	47.881
12:35	60.0625 in.	5.0625 in.	65.125 in.	1.103	47.803
12:40	60.250 in.	5.0625 in.	65.3125 in.	1.106	47.881
12:45	60.0625 in.	5.0625 in.	65.125 in.	1.103	47.803
12:50	60.250 in.	5.0625 in.	65.3125 in.	1.106	47.803