

Xiakeerjiang Remili**Date: 10/29/2021 Location: West LA****bucket D1: 5.5cm****bucket D2: 5.5cm****D: 0 cm****H: 40cm****smallest z1: 0.76629****smallest z2:****A = z2 - z1****R = 180*D/(A*pi)**

Z1 in this table is measured in radians. Convert the angle in radians by multiplying by 57.295, for example 0.76629 in radians is $0.76629 * 57.295 = 43.9$ deg

Time	S	X1	L=S+X1-D	tan(z)=L/H	z = ATAN(L/H)
12:05	40cm	2.5cm	42.5cm	1.0625	0.81569
12:15	39cm	2.5cm	41.5cm	1.0375	0.80380
12:25	38cm	2.5cm	40.5cm	1.0125	0.79160
12:35	37cm	2.5cm	39.5cm	0.9875	0.77910
12:45	36cm	2.5cm	38.5cm	0.9625	0.76629
12:55	37cm	2.5cm	39.5cm	0.9875	0.77910
1:05	38cm	2.5cm	40.5cm	1.0125	0.79160
1:15	39cm	2.5cm	41.5cm	1.0375	0.80380
1:25	40cm	2.5cm	42.5cm	1.0625	0.81569