

Date	October 19 2018					Sofia Hovhannisyan
Location	Cal State La					Lenny Edwards
bucket D1	30					Mark Huerta
bucket D2	27					Patrick Nguyen
D = (D1 - D2)/2	1.5					Karissa Duran
H	100					Jonathan Nunez
smallest z1						Jessica Vazquez
smallest z2						Zach Gattis
A= z2 - z1						
R = 180*D/(A*pi)						
Time	S	X1	L=S+X1-D	Tan(z) = L/H	z = ATan(L/H)	
12:26	85.1	15	98.6	0.986	0.7783489347	
12:27	85	15	98.5	0.985	0.7778416322	
12:28	84.95	15	98.45	0.9845	0.7775877906	
12:29	84.95	15	98.45	0.9845	0.7775877906	
12:30	84.9	15	98.4	0.984	0.7773338221	
12:31	84.8	15	98.3	0.983	0.776825504	
12:32	84.75	15	98.25	0.9825	0.7765711543	
12:33	84.6	15	98.1	0.981	0.7758073419	
12:34	84.6	15	98.1	0.981	0.7758073419	
12:35	84.58	15	98.08	0.9808	0.7757054136	
12:36	84.55	15	98.05	0.9805	0.7755524831	
12:37	84.5	15	98	0.98	0.7752974968	
12:38	84.58	15	98.08	0.9808	0.7757054136	
12:39	84.6	15	98.1	0.981	0.7758073419	
12:40	84.7	15	98.2	0.982	0.7763166774	
12:41	84.75	15	98.25	0.9825	0.7765711543	
12:42	84.75	15	98.25	0.9825	0.7765711543	
12:43	84.8	15	98.3	0.983	0.776825504	
12:44	84.9	15	98.4	0.984	0.7773338221	
12:45	84.95	15	98.45	0.9845	0.7775877906	
12:46	84.95	15	98.45	0.9845	0.7775877906	
12:47	85	15	98.5	0.985	0.7778416322	
12:48	85	15	98.5	0.985	0.7778416322	
12:49	85.1	15	98.6	0.986	0.7783489347	
12:50	85.2	15	98.7	0.987	0.7788557303	
12:51	85.2	15	98.7	0.987	0.7788557303	