DATA	Distance (mm) x	Capacitance (picoFarads) y	1/Distance
	7	1.5	0.142857143
	8	3	0.125
	9	4.5	0.111111111
	10	6.6	0.1
	11	8.7	0.090909091
	12	10.3	0.083333333
Fit ->	1.252380952		-129971.5808

LINEST OUTPUT			
Slope ->	1.805714286	-11.38761905	<- y intercept
Uncertainty ->	0.060090634	0.58001212	<- uncert of y-int
R^2 ->	0.995589824	0.251377159	<- Variance
Fisher ->	902.9932178	4	
	57.06057143	0.252761905	
LINEST OUTPUT			
Slope ->	-18967.30414	2799.548152	<- y intercept
Uncertainty ->	2013.866179	223.0271547	<- uncert of y-int
R^2 ->	0.956852562	100.162623	<- Variance
Fisher ->	88.70538797	4	
	889941.3335	40130.20421	

C/(3.14*radius*radius)
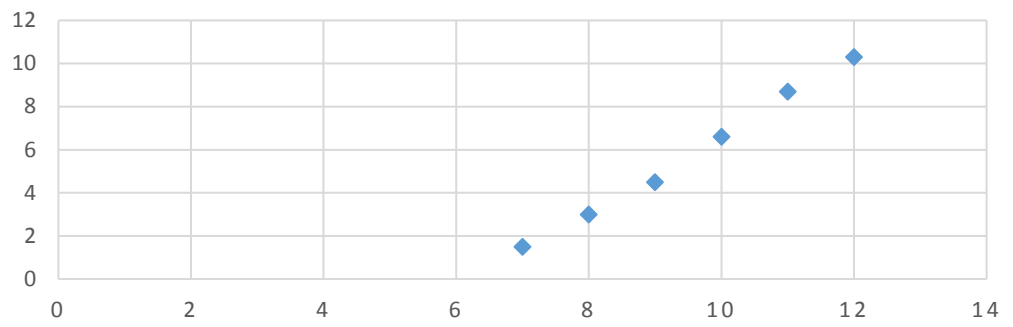191.0828025
382.1656051
573.2484076
840.7643312
1108.280255
1312.101911

DATA COLLECTION

DATA ANALYSIS