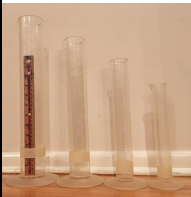

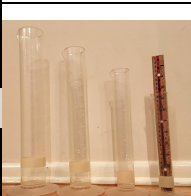


<i>Gravitational Acceleration from a Leaky Bucket</i>			Frederik J Simons		May 18, 2017
Vessel	Top diameter D (cm)	Hole diameter d (cm)	Fill height H (cm)	Time to empty T (s)	Gravity g (m/s/s)
	6.20	0.25	26.50	136	10.84
	6.20	0.25	26.00	135	10.79
	6.20	0.25	15.50	99	11.96
	4.86	0.25	21.50	78	10.09
	4.86	0.25	21.50	76	10.63
	4.86	0.25	24.00	83	9.95
	4.86	0.25	22.50	82.09	9.54
	4.86	0.25	17.50	68	10.81
	4.86	0.25	22.50	80	10.04
	3.62	0.25	18.50	44	8.40
	2.75	0.25	13.50	21	8.96
	2.75	0.25	11.65	20	8.53
	2.75	0.25	12.70	21.77	7.85
				Average:	9.88
				Standard Deviation:	1.18
				Standard Error:	0.33
				Sample Size:	13