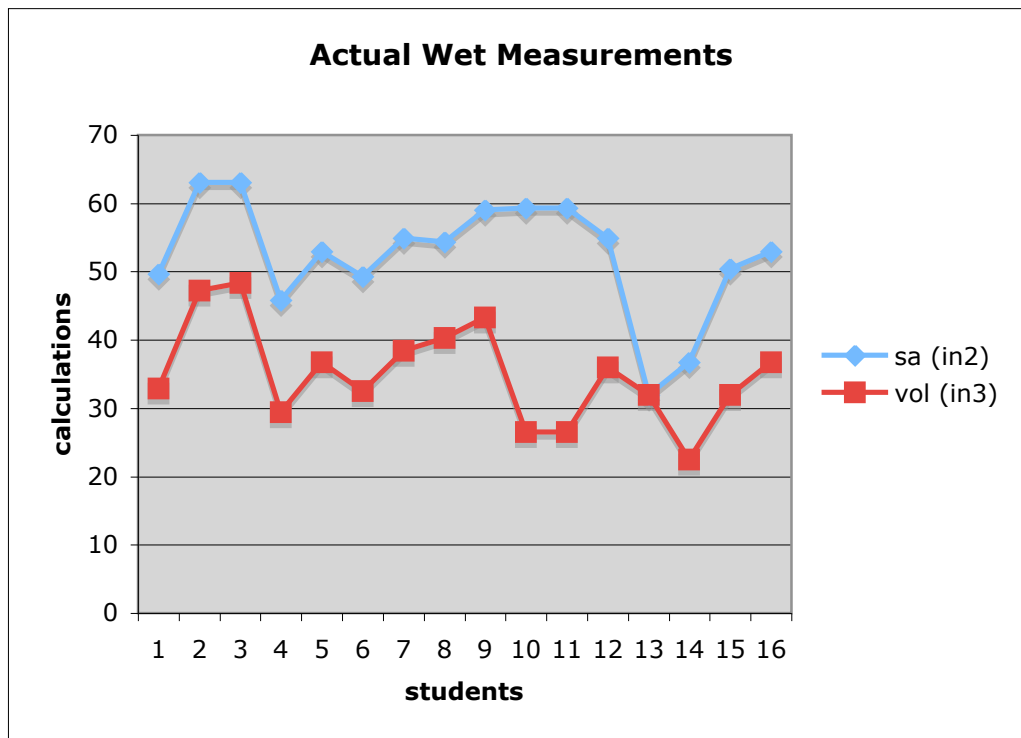


## excel graphing

dia (in)	ht (in)	sa (in <sup>2</sup> )	vol (in <sup>3</sup> )	weight (oz)
3.13	4.25	49.64	32.89	24.75
3.56	4.75	63.05	47.26	30.1
3.69	4.5	63.03	48.36	29.5
3.06	4	45.78	29.4	27.45
3.31	4.25	52.96	36.77	27.25
3.13	4.25	49.28	32.48	28.1
3.31	4.44	54.94	38.41	26.15
3.69	3.75	54.33	40.32	25.9
3.5	4.5	59.07	43.34	28.65
2.81	4.25	59.3	26.53	28.45
2.81	4.25	59.3	26.53	28.45
3.31	4	54.93	36	44.55
3.44	3.44	31.96	31.96	27.45
3.06	3.06	36.78	22.5	26.9
3.13	4.13	50.46	31.97	25.2
3.31	4.25	52.95	36.77	26.35



Conjecture:

1. We noticed that surface area follows volume. When surface area went up volume went up. When surface area went down volume went down.
2. Chyna and christian's volume and sa went out of the classes line and their calculations were wrong. **This was confirmed in our FabLab Math Challenge #1.**
3. Bryanna calculated wrong. She copied decimal in the wrong place from calculator.
4. Data fell into the range of 30-60.