Experiment-Hydraulic Lift

1	Two syringes	
2	Pipe	
3	Glue	
4	Glass	
5	Two Flip Chart	
6	Two Poles	
7	Two small Iron	

Calculation

F1=400g(+Fs)	F2=300g
Fs=200g	
F1'=(400-200)	
F1'=200g	

Finding Area

V1=4.7cm^3	V2=4.7cm^3
H1=4.5cm	H2=2cm
V=AH	V=AH
A=V/H	A=V/H
A1=4.7/4.5	A2=4.7/2
A1=1.04cm^2	A2=2cm^2

F2/F1'=A2/A1
300/200=2/1.04
1.5=2
2=2