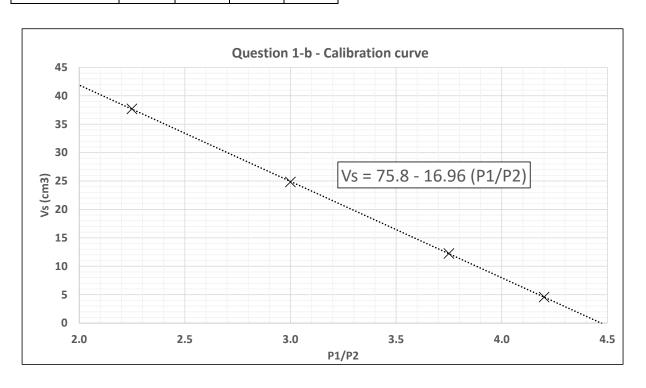
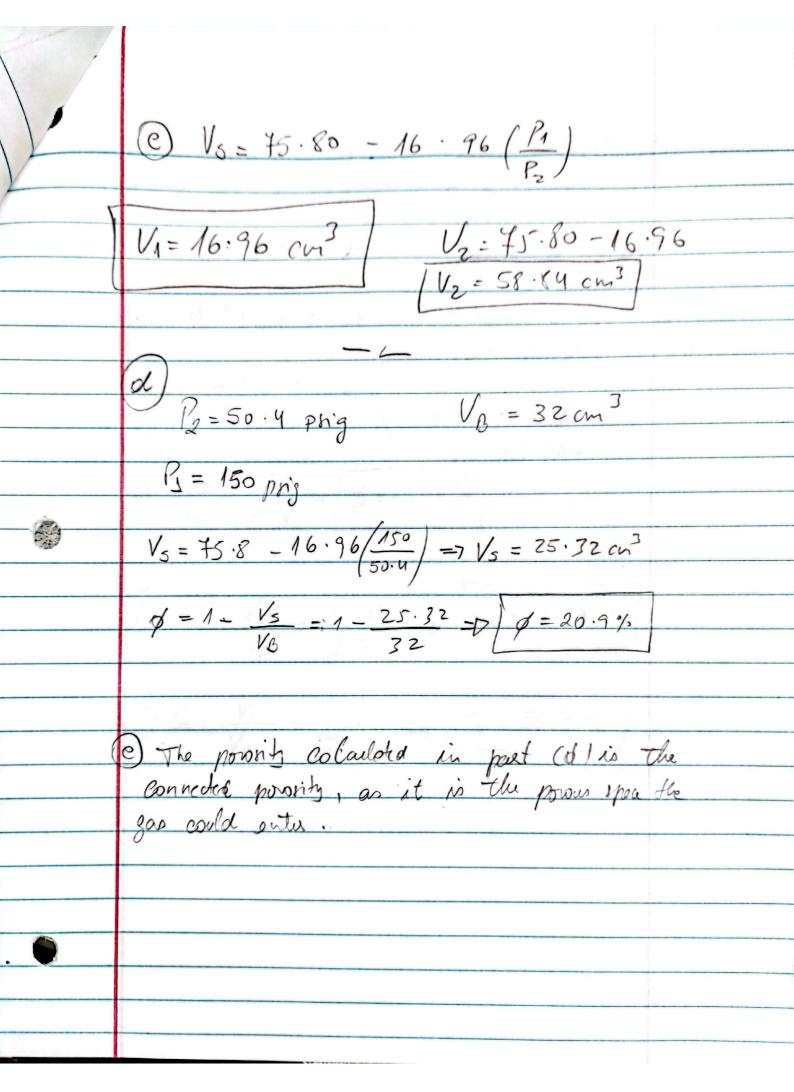
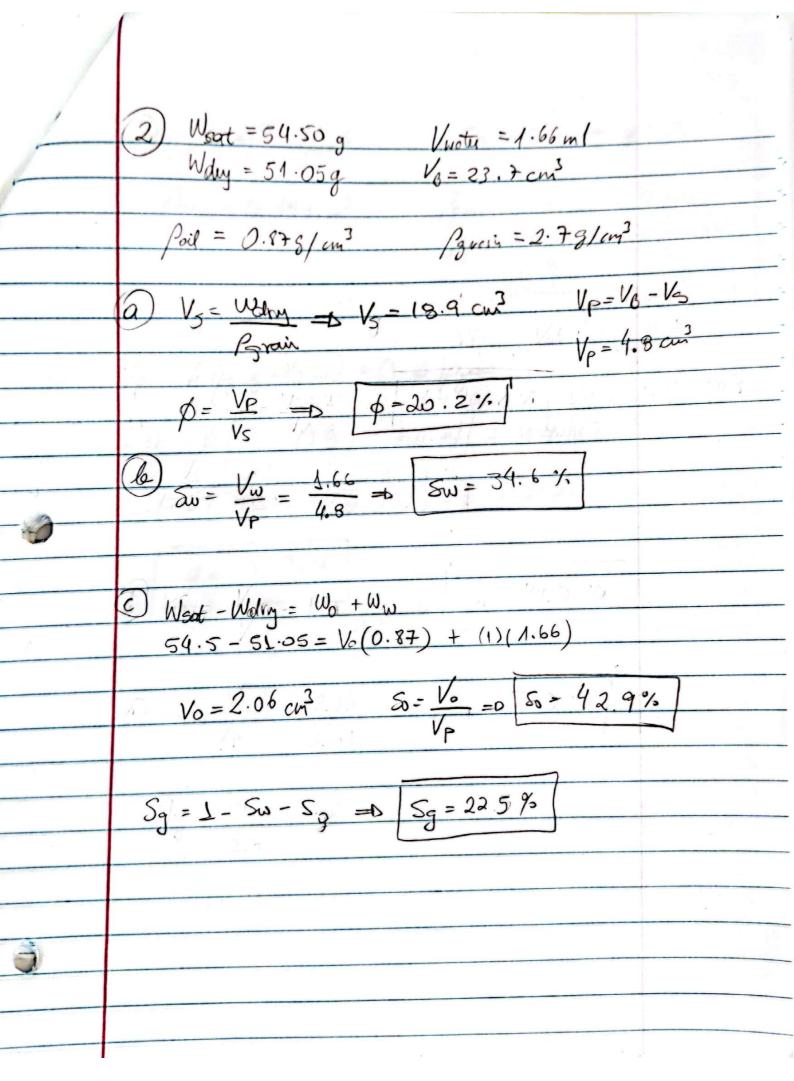


Sphere Radius (cm)	P1 (psig)	P2 (psig)	Vs (cm3)	P1/P2
1.03	150.00	35.71	4.58	4.20
1.43	150.00	40.00	12.25	3.75
1.81	150.00	50.00	24.84	3.00
2.08	150.00	66.67	37.69	2.25

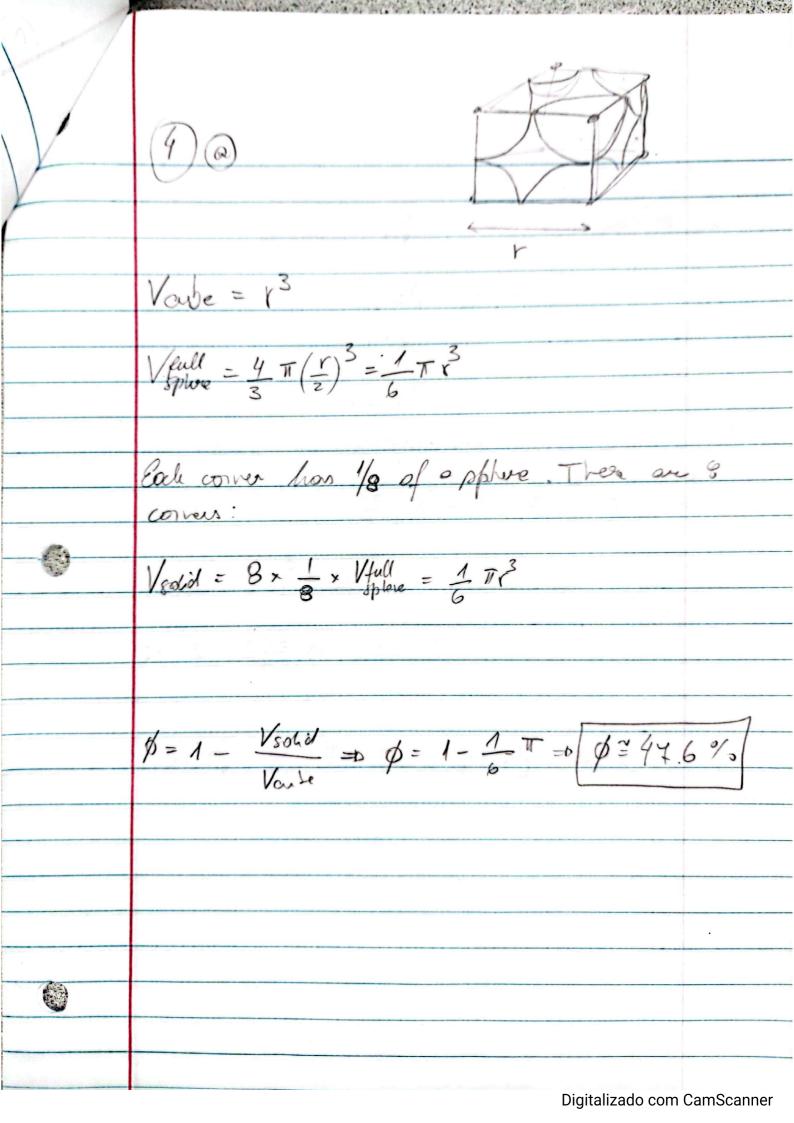
(V1+V2)	75.8 cm ³
V1	16.96 cm ³
V2	58.84 cm ³

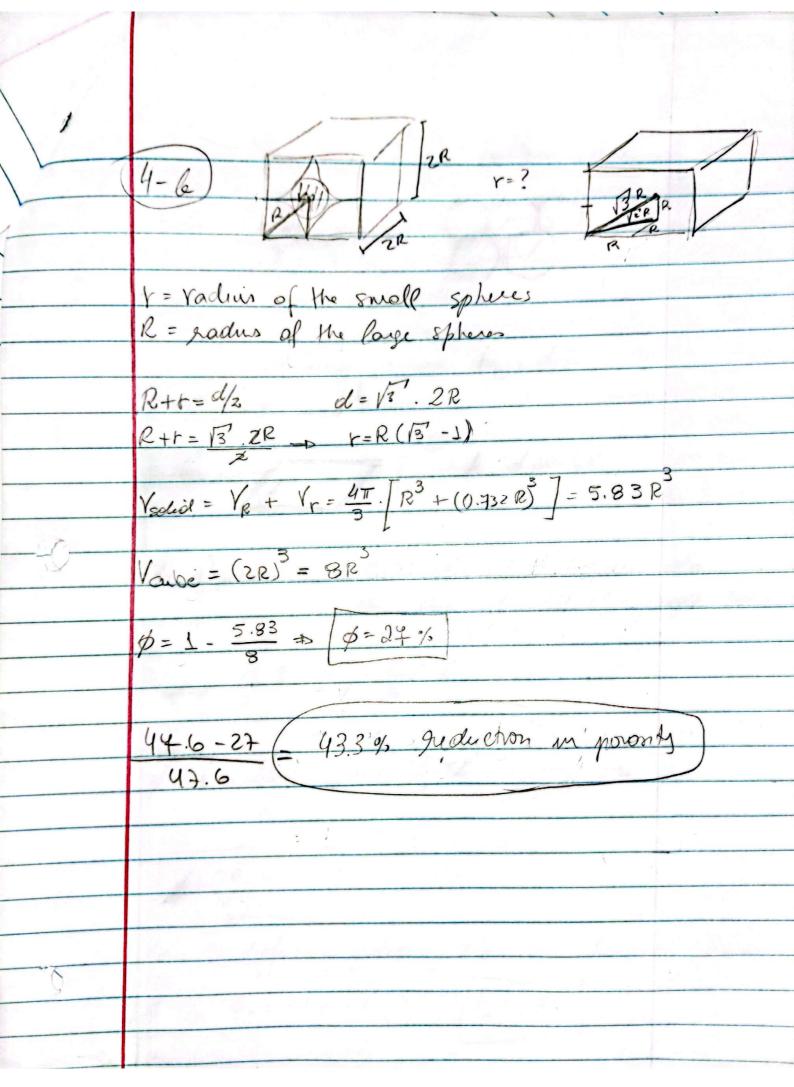


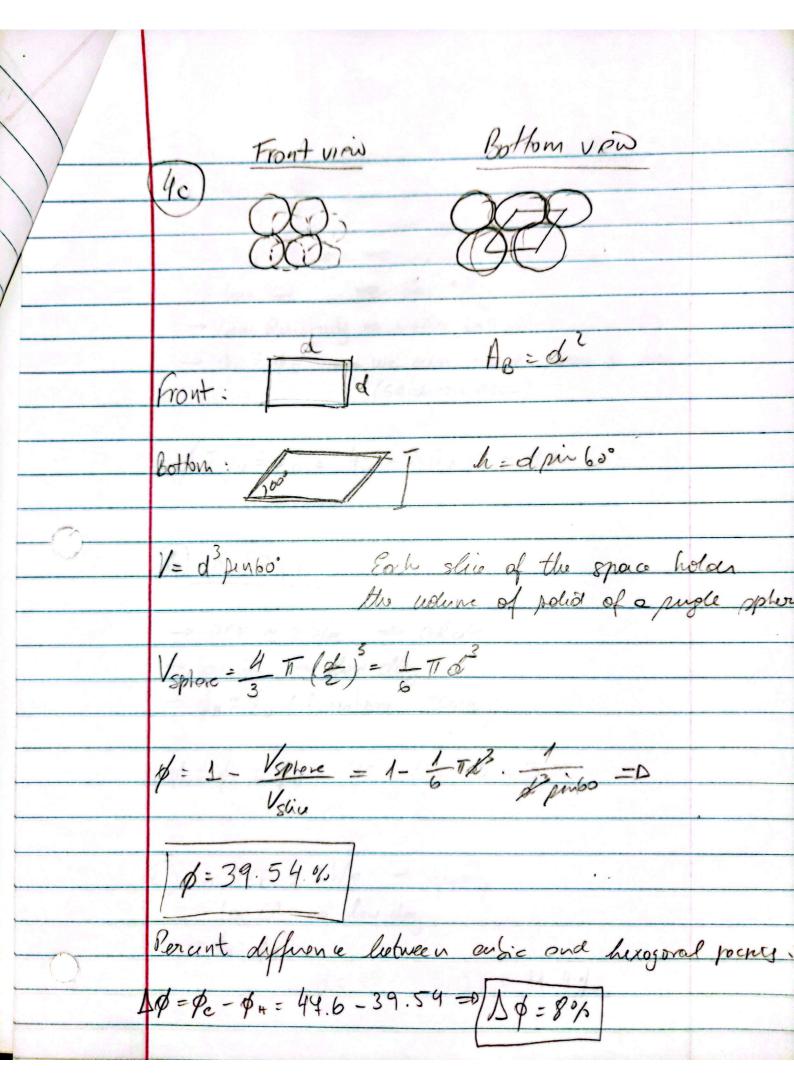




3) $\beta = 2.17 9/cm^3$
$P_{3} = \phi \left(P_{3} + P_{WSW} \right) + (1-\phi) P_{3}^{coi}$ $2.12 = \phi \left[0.19 \left(0.8 \right) + 1(0.2) \right] + (1-\phi) \left(2.798 \right)$ $2.12 - 2.798 = \phi \left(0.352 \right) - \phi \left(2.798 \right)$ $\phi = 24.72\%$







X550ft -> PEF & 2 b/e -> quarty, -> low GR => low clay. -> Low Resisting => water policioled (\$ N = Po) -> on = \$0 - we can read poonly directly (sands fore fock) Ø= dN= Ø0 = 45 - 2.5 x 12 = 15% (b) X380 f+ -> PEF 255/e = colote -> low GR -> low day -> pr 2 do (livertone trock) \$ = \$ \$ = -15 + 12 x 1.5 = 3 % C) -> PEF 2 25/e -> quarty -> low GR -> low day -> \$u = \$p Ø = 45 - 2.8 (12) = 11.4%.