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section	lab station	Orifice meter Q(gpm) as a function of I(mA)	Initials
9-A	1	$Q = .1302(I/mA) + .1963$	KW
9-A	2		
9-A	3	$.5341(P, psi) + .163$	BJ & RR
9-A	4	~~BJ & RR~~ $Q(gpm) = .1059 \times (mA) + .3204$	CC
9-A	5	$Q = .3618\ P(psi) + 1.0399$	TB
9-A	6	DP meter error	SB
9-A	7	$Q = 0.1156(I, mA) + 0.3021$	SW
9-A	8	$Q(gpm) = \frac{0.117\ gal}{min \cdot mA} \cdot I + \frac{0.295\ gal}{min}$	BK
9-A	9		
9-A	10		

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section	lab station	Orifice meter Q(gpm) as a function of I(mA)	Initials
9-B	1	$Q(gpm) = .1115(mA) + .2219$	
9-B	2	$Q(gpm) = 0.4796\ \Delta P(PSI) + 0.8748$	
9-B	3	$Q(gpm) = .1092\ I(mA) + .3304$	
9-B	4	$Q(gpm) = 0.104\ I(mA) + 0.340$	
9-B	5		
9-B	6	$Q(gpm) = 0.1366\ (I(mA) - 0.0357$	
9-B	7		
9-B	8		
9-B	9		
9-B	10		

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section	lab station	Orifice meter Q(gpm) as a function of I(mA)	Initials
1-A	1	$Q(gpm) = 0.5724\Delta P(psi) + 0.8332$	PD
1-A	2		
1-A	3	$Q(gpm) = -0.0791 \cdot \Delta P(psi)^2 + 0.5003 \cdot \Delta P(psi) + 0.563$	KLZ
1-A	4	$Q(gpm) = 0.609\Delta P(psi) + 0.572$	RJM
1-A	5		
1-A	6	$Q(gpm) = 0.112(I\,mA) + 0.284$	BQY
1-A	7	$Q(gpm) = 0.130 * I(mA) + 0.417$	JAM
1-A	8	$Q(gpm) = 0.0811[\Delta P(psi)]^2 + 0.4873[\Delta P(psi)] + 1.1762$	ARH
1-A	9	$Q = -0.041(\Delta P)^2 + 0.5814(\Delta P) + 0.6335$ STATION 10	AB
1-A	10	See above	

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section	lab station	Orifice meter Q(gpm) as a function of I(mA)	Initials
1-B	1	$Q(gpm) = -.0004\ I(mA)^2 + .0152\ I(mA) - .0208$	HSH
1-B	2	$Q[gpm] = -0.0037 \cdot (I[mA])^2 + 0.2062 \cdot I[mA] - 0.175$	MAC
1-B	3	$Q(gpm) = .140\ I(mA) - .0004$	MHK
1-B	4	$V(gal/min) = 0.1162 * I[mA] + 0.2667$	mw
1-B	5	$Q(gpm) = -0.0656$	
1-B	6	$Q_{(gpm)} = 0.112(I(mA)) + 0.299$	
1-B	7	$Q(gpm) = 0.145I(mA) + 0.126$	LG
1-B	8	collector [illegible]	
1-B	9		
1-B	10		

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section	lab station	Orifice meter Q(gpm) as a function of I(mA)	Initials
3-A	1		
3-A	2	$Q(gpm) = 0.379\,\Delta P_{(psi)}^{2} + 0.4349\,\Delta P - 0.7692$	BB
3-A	3	$Q(gpm) = 0.6152\,P_{(psi)} + 0.5959$	JN
3-A	4	$Q = -.0275(psi)^2 + .9471(psi) - 3.5145$	MM
3-A	5		
3-A	6		
3-A	7		
3-A	8		
3-A	9		
3-A	10		

#2

CM3215

LABORATORY

DR. FAITH MORRISON

2009-

Composition Book

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