								Name:			
								Hour:	D	oate:	
Cher	nistr	y: Dalto	on's Law	of Parti	al Pres	ssure					
<u>Directions</u> : Solve each of the following problems. Show your work, including proper units, to earn full credit.											
1. Co	0.93 gas	dm³) cor under 1.2	ntains a ga 21 atm of p	s under 2.8	32 atm of th	of pressure	3.24 atm of e. Container s are put into	C (with vo	lume 1.	42 dm³) co	ntains a
2. Co	volu	me of Co	ntainer A, I	out its gas	is under	twice the	5.3 kPa of p pressure as e 0.95 L), wh	that of Co	ntainer	A. If the ga	ases from
3. Co	250 gas	mL) conta under 43	ains a gas 7 mm Hg c	under 628 f pressure	mm Hg . If all of	of pressu f these ga	in unknown pre. Containe ses are put i essure of the	er C (with v	olume 3 ner D (v	350 mL) co vith volume	ntains a
4. The	resp	ectively.	These gas	ses are the	n combi	ned into C	nder pressur ontainer D ( 3, and C hav	with a volu	me of 3	.92 L) so th	at the

Answers: 1. 5.51 atm 2. 507.1 kPa 3. 812 mm Hg 4. 2.41 L