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NDID	da is i	Problem 1	_	Probl				Proble		1	Ь.		Problem 4		la			roblem 5	
	5 Pressure and Temperature	5 Plot	5	Asked Numbers		Plot		Gauge Pressure		Absolute Pressure		T1, T2, T3	10 Work	10	Sketch	20	Numbers 5 each	15 Sketches	I otal
902181932	5	5	5		4	temperature is above critical temperature	5		5			T3 incorrect	10			20		15	98
902134614	5	5	5		5		5		5		1		9 calculation		Plot not right	19	calculation error	13 PT plot offset	94
902131116	5	5	5		- 5		5		- 5	<u> </u>			10	10		15	work is negative and pdv not vdp	10 see solution	
902116800	5	5	5		5				5		1	wrong T3	10		see solution	20		12 see solution	89 86
902125008	5	5	5		5		5		5			1 T3	10	- 8	check soln	19	work non ideal calculation	8 check soln	86
	2 see soln	3	5		5		5		3	must add P_o to P_gauge		wrong T3	8 wrong numbers	- 5		20		10	85
902143596	0	2 see solution	5		5		5		5		1		6 incorrect 2W3		see solution	18	wrong work for non-ideal gas	14 see solution	83
902117766	5	5	5		5		4	unit wrong	4			wrong T2 and T3	8 wrong work		see solution	20		10 see solution	78
902140372	5	3 Check Solution	_	Check Solution	2	check soln	5		5		1	1	10		Plot		work ideal	9 plot offset	77
902129484	5	5		missing v	5		5		5			wrong T2 and T3	10		see solution	18	close!	10 see solution	76
902101438	5	5		answer correct. You must show work!	4	temperature is above critical temperature	5		5		1	5	10			15		0	74
	4 close but incorrect	5	4	number wrong	4		5		0	missing absolute pressure	1	wrong T3	10		see solution	15	wrong T and W for non-ideal gas	10 see solution	74
	4 P not quite	5	5		4	Tv check soln		check soln	0	check soln		T2 T3	8 check soln		check soln	20		12 PV	73
902128349	0	0 see solution	5		5			correct equation but missing result	4			wrong T2 and T3 missing T3	10	- 6	see solution	19	missing final results for the work	15	73
902144322	1	0 see solution	3	double interpolation		P-T plot wrong	5		5		1	missing T3	10	(		20		14 close!	72
902096403	5	5	5		4	PT	5		5			1 T2	5 check soln	- 4	check soln	9	check soln	12 PT plot offset	70
902119092	1	0	5		5		5		0			not ideal gas	10			17		7 wrong side of the dome	70
902130454	2 see solution	1 vapor domes wrong		see solution		vapor domes wrong	5		5		1		0		see solution	20		15	70
902126696	4 nice try, see soln	3 it should be UNDER the dome	1	not ideal gas	- 1	not clear where the state is	5		5			not ideal gas!	5		confusing critical point with triple poi	20		14 close!	69
902118901	2 see soln	5	5		5		5		0			4	2				close!	14 close!	68
902125462	5	5	0		0		5		5		1		10	8	PT plot	12	work check soln	2 check soln	67
902145026	0 see solution	0 see solution	5		5		5		5			wrong T2	0	2		20		15	67
902125026	1	4 Check Solution	4	close	4	check soln	5		5			T2 T3	5 check soln		check soln	18	calculation error	9 check soln	66
902126748	2	0	0		0		0		0		1	see soln	10		see soln	19	close!	15	64
902128293	1	1 see solution	5			P-T plot see solution	5		4	wrong absolute pressure			6 correct equation	- 7	see solution		wrong work for non-ideal gas	15 see solution	64 64
902143428	0	1 see solution	5		4	P-T plot see solution		300 m is a little bit off	5			wrong T2 and T3	10	- 7	see solution	15	wrong work for non-ideal gas	8 see solution	64
902126163	5	5	2	how did you get your numbers??	5			p_gauge = rho g h	0			see soln	3	5		15		10 see soln	63
902130832	4 close but incorrect	5	5		5		0		0		1		6 wrong number		see solution		unit is K	5 see solution	61
902138846	3 T missing	1 Check Solution	5		5		5			check soln		check soln	2 check soln		check soln		work non ideal case	9 check soln	59
902125500	2 Check Solution	2 Check Solution	5		4	PT	2	check soln	2	check soln	_	1 T2	5 3 to 1		check soln	16	work ideal	7 plot check soln	59
902143136	0	0 see solution	5		5		5		5			wrong T2 and T3	7 wrong v3 and work		see solution	10		10 see solution	59
902133142	5	4 Check Solution	5		4	PT	5		5			T1 and T2 incorrect	1 check soln	4	check soln	13	work for non ideal	4 check soln	58
902126028	4	4 see soln. P-T point should be on the saturation line	- 1	carry on	0		5		0		1	2	8	8		10		5 not under the dome!	57
902119600	0	0	5		4	vapor dome wrong in P-T	4	calculation wrong	5			wrong T2 T3	7 3W1 is negative	7	see solution	15	wrong W for nonideal	5 see solution	57
902119544	1 not ideal gas! see soln	5 good	- 1	not ideal gas		temperature is above critical temperature	5		5			5	0	- 2		18		10 close, but not under the dome	56
902128123	5	5	5		4	P-T plot see solution	4	missing gauge pressure	5				0	5	see solution	10		13 see solution	56
902123620	3 Check Solution	4 Check Solution	5		3	Check soln	5		5		1	T3 incorrect	2 check soln	5	check soln	8	check soln	4 check soln	54
902144993	4 close but incorrect	5	3	see solution	3	vapor domes wrong	4	forgot to transport Pa to kPa	4		- 1	wrong T3	5 wrong 3W1	6	see solution	5	see solution	5 see solution	54
902125920	2	2 see soln	5			should be above critical temperature	5		5			see soln	5			10		5 not under the dome!	53
902115074	4 close but incorrect	2 state location wrong	- 1	not ideal gas	1	see solution	5		5			correct T1	2	(		18	close!	8 see solution	51
902130298	4 close but incorrect	1 vapor domes wrong	5		4	vapor dome wrong in P-T	5		0	wrong absolute pressure		wrong T2 T3	3 formula is correct	- 4	see solution	7	see solution	13 see solution	51
902146856	5	4 Plot	5		4	PT diagram wrong	1	check soln		check soln	1	1 T3	1 No calculation of work	(			work	3	50
902129592	5	5	5		- 1	vapor domes wrong	5		5			missing T2 T3	5 missing 3W1	- 4	see solution	5	correct T3 for ideal	5 see solution	50
902138843	5	3 Plot not right	4	close	5	.,	0		0			1 T3 incorrect	10		check soln		check soln	0	49
902124888	1 Check Solution	2 Check Solution	5		4	PV wrong	5		3	P absolute unit different		T2 T3	5 check soln		check soln		check soln	0	48
902135577	0	1 see solution	5			P-T plot see solution	5		4	missing absolute pressure		wrong T2	2 correct v3	-		12	wrong work	5 see solution	48
902125448	5	4 Check Solution	1		0		2	check soln	2	check soln	1	1 T3	5 check soln		check soln	12	check soln	0 check soln	47
902127042	5	5	5		4	pressure is below critical pressure	5			numbers?		3	4	-		4		0	47
902138686	2 Check Solution	2 Check Solution	1	Check Solution		check soln	4	calculation not correct		check soln		T1 T2	2 check soln	_	check soln	18	T3	5 check soln	43
902129780	4 see solution	4 vapor domes wrong for P-T	5			vapor dome wrong in P-T	5		5			2 see solution	0		see solution		see solution	5 see solution	43
902127832	1	0 see solution	1	missing v	4		- 1	see solution	0			wrong T1 and T3	8 correct equation but wrong work		see solution	- 5		5	42
902134250	5	5	- 5	missing v			- 5	SEC SOIGHOIT	- 5			see solution	3		SCC SOLUTION	7	see solution	0	42
902146808	5	5	5		4	PT	0		0			T2 T3	2 check soln	-	check soln		check soln	0	41
902125660	5	4	J 4		5	+	5	+	n				3	-	1	5		0	38
902129157	5	1 5	1	not ideal gas	2	see solution	0	-	- 0		_	wrong T2 and T3	2	-	see solution	10	inaccurate T and W	1	37
902133229	1 see soln	1 0	1	close	5		, p						0			10		5 not under the dome!	30
902126820	5	5	- 4	on out	5	+	0		0			hard to read!	2		see soln	10	see soln	5 not under the dome:	35
902127432	5	1 vapor domes wrong	1 3			see solution	5	-				missing T2	2			- 5		0	30
902127432	0	0 see solution	1 -	double interpolation		P-T plot see solution	0		- 5	missing absolute pressure	,	o mooning i.e.	1		see solution	10		5 see solution	34
902131246	1 Check Solution	1 Check Solution		Check Solution		check soln	0		- 4	moung absolute pressure		check soln	1 check soln		check soln	10	Work not right	8 check soln	33
902137896	2 see solution				_				- 0				2		ornous soll!			O GROOK SOIII	33
902137696	2 Check Solution	1 vapor domes wrong 2 Check Solution	1 4	interpolaion wrong in p Check Solution		vapor dome wrong in p-v and p-t check soln	5		- 0			T1 not exactly wrong T2 T3 check soln	2 2 check soln		check soln		see solution check soln	8 check soln	33
902125626	2 CHECK SOLUTION	2 Check Solution	1 -	Check Soldion		P-v plot wrong	0		0			check soln see soln	2 check soln 5 formulas ok	- 3	CHECK SOIL	12	LITEUR SUITI	o crieck som	32
902085578	2	0	5				5						5 formulas ok 2 see solution			- 5	see solution	5	32
902095888	2 see solution	1 vapor domes wrong		see solution	4	vapor dome wrong in P-T	5			wrong atmosphere pressure		see solution	2 see solution	- 4	see solution	- 5	see solution	5 see solution	
	U	1 0	2	do not use ideal gas for H2O!	5		5	Interesting approach. It has errors, and you she	4	need to add atmospheric to get absolute	-	not ideal gas	3			8		U	31
902131462	1 see soln	1 see soln	5		5		0		0	1	-		U		1	18		U	30
902131893	0 missing P and T	1 5	1	not ideal gas		see solution	3	correct equation but missing h and answers	4	+		1	U .		1	15	missing work for non-ideal gas	0	30
902129656	2 see solution	1 vapor domes wrong	5		3	vapor domes wrong	5		5			see solution	2 see solution	(	1	5		0	30
902119606	0 see solution	0		not ideal gas	5		5		4	wrong aboslute pressure		see solution	0	4	see solution		see solution	6 see solution	29
	4 close but incorrect	2 see solution	1	not ideal gas!		see soln	5		0			1	0	(			nothing for ideal gas?	5 inacurate	28
902090380	0 see solution	0 see solution	5		3	vapor dome wrong in p-v and t-v	5		5			wrong T2 T3	0	(			see solution	0	28
902135378	1	0	1		0		5		5			check soln	1 check soln	5	check soln		missing	0	26
902105631	4 close but incorrect	1 vapor domes wrong	1	not ideal gas		vapor domes wrong	4	wrong density of water	5				0	(			see solution	5 see solution	26 26
902131034	2 see solution	0		not ideal gas		not at critical point	5		5			wrong T2 T3	2 see solution	(			see solution	0	
902146230	4 close but incorrect	1 vapor domes wrong		not ideal gas		no plots	2		0			see solution	0	4	see solution	5	see solution	5 see solution	24
902127114	1	1		not ideal gas		plots have many errors, see soln	0		0				0	(		10		8 not under the dome	23
902117620	1 see soln	1 see solution		not ideal gas!		show where the point is!	0						2	- (			see soln	5 inaccurate	21
902129728	2 see solution	1 vapor domes wrong	2	see solution	1	vapor domes wrong	0		0			see solution	0	2	see solution	2	see solution	5 see solution	17
902103390	4 close but incorrect	2 see solution	1	wrong v	1	see solution	1	see solution	0				0	- (		5		0	14