

ID	P1 (20pts, 2 subproblems)		P2 (30pts, 2 subproblems)		P3 (50pts, 8 subproblems)				Total Grade					
	(a) 10pts	(b) 10pts	(a) 15pts	(b) 15pts	(a) Spts	(b) Spts	(c) Spts	(d) Spts	(e) Spts	(f) Spts	(g) 10pts	(h) 10pts		
902057520	10	10	15	5	5	5	5	5	5	10	10	10	100	
902056703	10	10	15	5	5	5	5	5	5	10	10	10	98	
902056583	10	10	15	5	5	5	5	5	5	10	10	10	97	
902058488	10	10	14 - circle ans.	5	5	5	5	4 - signs	5	5	10	10	96	
902051494	10	10	15	3 - see soln	5	5	5	5	5	8	10	10	96	
902048141	10	10	15	3 - integration	5	5	5	5	5	5	10	10	96	
902044420	9 - algebra	9 - wrong area	15	12 - missing m	5	5	5	5	5	5	10	10	96	
902047896	10	10	15	10 - missing Pdv	5	5	5	4 - signs	5	5	10	10	94	
902050491	9 - wrong area	9 - wrong area	15	10	5	5	5	5	5	5	9	9	94	
902050008	10	10	15	10 - calc error	5	5	5	5	5	5	10	10	94	
902051663	8 - wrong number	13 - in T/T/o	15	5	5	5	5	5	5	5	8	10	94	
902058716	10	10	15	13 - deriv. error	5	5	5	5	5	5	4	10	94	
902057458	10	10	15	13 - see soln	5	5	5	5	5	5	10	10	94	
902050798	10	10	15	13 - integration	5	5	5	5	5	5	10	10	94	
902054592	9 - wrong area	9 - wrong area	15	12 - mut by mass	5	5	5	5	5	5	10	10	94	
902048520	wrong	wrong	15	12 - mut by mass	5	5	5	5	5	5	10	10	94	
902058684	10	10	15	12 - wrong Q	5	5	5	4 - signs	5	5	10	10	94	
902050025	9 - wrong area	9 - wrong area	15	10 - wrong	5	5	5	5	5	5	10	10	94	
902045790	10	10	15	10 - finish integral	5	5	5	5	5	5	10	10	94	
902053033	8 - need Area	8 - need Area	15	10 - calc error	5	5	5	5	5	5	10	10	94	
902047544	10	10	15	14:=S1/m	5	5	5	4 - signs	5	5	10	10	94	
902052198	10	10	15	12 - missing mass	5	5	5	5	5	5	10	10	94	
902052199	10	10	15	8:=a0<0, [tau]:=t0	5	5	5	5	5	5	10	10	94	
902048244	10	10	15	6 - sun off, () error	5	5	5	3 - see solution	5	5	10	10	94	
902040801	10	10	15	6 - see solution	5	5	5	4 - signs	5	5	10	10	94	
902055471	7 - no numbers	15	12 - mut by mass	5	5	5	4 - signs	5	5	5	10	10	94	
902050061	10	10	15	12 - integration	5	5	5	4 - signs	5	5	10	10	94	
902038314	10	10	15	13 - take off, sign	5	5	5	5	5	5	10	10	94	
902045054	7 - not a sphere	10	10	10 - integration	5	5	5	3 - wrong h2	5	5	10	10	94	
902047296	10	10	15	8:=e0<0, [tau]:=t0	5	5	5	5	5	5	10	10	94	
902047998	wrong	wrong	15	8 - see solution	5	5	5	5	5	5	10	10	94	
902050030	10	10	15	6 - sun off, () error	5	5	5	4 - signs	5	5	10	10	94	
902056044	8 - wrong value	8 - wrong value	15	5	5	5	5	4 - signs	5	5	10	10	94	
90191882	8 - wrong value	yet	15	5	5	5	4 - see solution	5	5	5	10	10	94	
902064113	b - wrong value	9 - wrong value	15	2 - wrong concept	4 - wrong value	4 - wrong value	4 - wrong value	4 - wrong value	4 - algebra	7 - peak too low	work	work	94	
902050063	10	10	15	5	5	5	5	5	5	5	5	5	94	
902046361	9 - algebra	10	15	5	5	5	5	5	5	5	5	5	94	
902051524	9 - need units for time	15	8 - need units for time	5	5	5	5	5	5	5	5	5	94	
902057070	6 - wrong ans, A	15	13 - take off, sign	5	5	5	4 - signs	5	5	5	5	5	94	
902048713	8 - wrong area	8 - wrong value	15	2 - use (h3-h4)	5	5	5	5	5	5	5	5	94	
902049138	10 - wrong setup	10	8 - T1, sup off	5	5	5	5	5	5	5	5	5	94	
902049620	8 - wrong const	6 - wrong ans, A	15	14:=v2?	5	5	5	4 - signs	5	5	5	5	94	
902051170	10	10	15	5	5	5	5	5	5	5	5	5	94	
902056564	10	10	15	3 - see soln	5	5	5	5	5	5	5	5	94	
902038561	10	10	15	2 - wrong but S sys	5	5	5	5	5	5	5	5	94	
902050735	10	10	15	11 - missing content	5	5	5	5	5	5	5	5	94	
902038479	8 - wrong area	6 - wrong area	15	10 - integrate	5	5	5	5	5	5	5	5	94	
902034886	8 - wrong c	6 - wrong ans, A	15	13 - take off, sign	5	5	5	5	5	5	5	5	94	
902077951	missing	missing	15	12 - integration	5	5	5	4 - signs	5	5	5	5	94	
902047469	E=wrong tau expression	[tau]=seconds	15	8 - wrong surroundings	5	5	5	4 - wrong decimal place	5	5	5	5	94	
902048186	10	10	15	1 - wrong value	5	5	5	1 - find value	5	5	5	5	94	
902050267	7 - m = rho * v	7 - m = rho * v	15	13 - wrong equation	5	5	5	3 - wrong concept	5	5	5	5	94	
902053130	9 - wrong sign	9 - wrong number	15	11-wrong, missing m	5	5	5	5	5	5	2	4	94	
902044749	9 - wrong area	9 - wrong area	10 - Pdv term	14 - negative sign	5	5	5	5	5	5	3 - use TL=T1	0	94	
902050040	7 - incorrect convection	0 - incorrect	10	8 - wrong value	5	5	5	5	5	5	5	5	94	
902040071	assumption	little work	15	4 - signs	5	5	5	5	5	5	3 - celcius	7 - wrong shape	2 - table	
902054642	9 - wrong area	9 - wrong area	10 - volume term	10 - need to integrate	5	5	5	3 - wrong sign	5	5	5	7 - off by factor of 2	75	
902061735	8 - need A	3 - incorrect method for t.c.	15	8 symbolic; see solution	2	5	5	3 - see solution	5	4 - convert C->K	5	5	75	
902038475	B - incorrect signs	7-area*sidess	15	13 (reference state)	5	5	5	4 - signs	5	5	10	10	75	
902045200	10 - missing Pdv	10 - missing Pdv	15	1 - wrong	5	5	5	4 - signs	5	5	10	10	75	
902048835	6 - temp wrong	6 - wrong setup	12 - missing In.	7 - missing mass	5	5	5	4 - signs	5	5	3 - wrong TL	10	75	
902051103	10	10	7 - see soln	5	5	5	5	5	5	5	10	2	75	
902055506	10	10	2 see solution	5	5	5	5	5	5	5	8 see solution	E see solution	75	
902047553	7-inverted V&A, [tau]=seconds	9-area*seconds	15	based on wrong (a)	5	5	5	3 see solution	5	3 see solution	5	5	75	
902047695	E=wrong tau expression	[tau]=seconds	15	based on wrong (a)	5	5	5	3 - use TL=T1	5	3 use TL=T1	5	5	75	
902048186	10	10	15	10 - wrong value	5	5	5	4 - proc 1-2-3	5	2 - wrong h, no isn.	0	0	75	
902050267	7 - m = rho * v	7 - m = rho * v	15	1 - wrong value	5	5	5	4 - proc 1-2-3	5	3 - see solution	5	5	75	
902050446	7 - wrong area	7 - wrong area	15	1 - wrong value	5	5	5	4 - proc 1-2-3	5	3 - no done	5	5	75	
902051650	7 - wrong area	7 - wrong area	15	1 - wrong value	5	5	5	4 - proc 1-2-3	5	3 - unfinished	5	5	75	
902045110	0 - no tau	0 - no tau	15	5	5	5	5	5	5	5	10	0	75	
902045172	9 - wrong area	9 - wrong area	15	5	5	5	5	5	5	5	10	0	75	
902054709	10	10	9 - int error, a	5 - check sohn	5	5	5	4 - algebra	5	5	10	10	75	
902052628	10	6 - not sphere	10 - missing term	5	5	5	5	5	5	5	3 - wrong TL	4 - see soln	75	
902040071	incorrect convection	0 - incorrect	10 - little work	5	5	5	5	5	5	5	5	5	75	
902054642	9 - wrong area	9 - wrong area	10 - volume term	10 - need to integrate	5	5	5	3 - wrong sign	5	7 - see solution	0	70		
902061735	8 - need A	3 - incorrect method for t.c.	15	8 symbolic; see solution	2	5	5	3 - see solution	5	4 - convert C->K	5	5	69	
902038475	B - incorrect signs	7-area*sidess	15	0 - not done	3 - wrong h_4	5	5	5	5 - using wrong value	5	5 - using wrong value	5	5	69
902045200	8 - need Area	8 - need Area	15	3 - int mistake	2 - see solutions	5	5	5	5 - using wrong value	5	5 - using wrong value	5	5	69
902049269	10	10	15	2 - wrong but Surr	5	5	5	5	5	5	5	5	69	
902051651	8 - need Area	8 - need Area	15	3 - see soln	5	5	5	5	5	5	5	5	69	
902056748	10	10	15	6 - wrong equation	5	5	5	5	5	5	5	5	69	
902048398	10	10	15	5 - see solutions	5	5	5	3 - wrong h_4	5	5	5	5	69	
902046734	8-tau is inverted	8-tau is inverted	0	3 - wrong eqn, int wrong	5	5	5	4 - wrong eqn	5	4 - wrong eqn	5	5	69	
902048977	8 - wrong value	8 - wrong value	15	2 - no int., no sumr.	5	5	5	4 - extra terms,	5	4 - algebra	5	10	67	
902049247	5 - missing mc term	6 - wrong ans, A	15	12 - no, so, sign	5	5	5	5	5	2 - wrong TL	8 - proc 3-4	0	67	
902049260	8 - wrong A	8 - wrong A	15	12 - no To	5	5	5	3 - no <34	5	2 - wrong numer	5	10	67	
902049291	5 - wrong A	5 - wrong A	15	2 - wrong but Says	5	5	5	4 - value	5	5 - wrong	5	10	67	
902054541	5 - wrong area	5 - wrong area	15	3 - value	5	5	5	4 - value	5	5 - wrong	5	10	67	
902054547	5 - wrong area	5 - sign, area	15	3 - see soln	5	5	5	5	5	4 - value	5	10	67	
902055999	6 - minus a/wrong	minus	15	7 - missing mass, int errors	5	5	5	3 - incorrect numerator	5	3 - convert C to K	5	see solution	66	
902056407	10 - wrong ans, A	10 - wrong ans, A	15	9 - in concept	5	5	5	3 - incorrect numerator	5	3 - convert C to K	5	see solution	66	
902057170	10	10	15	8 - missing V	5	5	5	3 - see soln	5	3 - wrong spots	0	no work	66	
902048440	10 - numbers	7 - need to integrate	15	0 - need to integrate	0	1	5	5	5	10 - off by factor of 2	0	0	66	
902050160	10 - no work	10 - no work	15	0 - wrong equation	5	5	5	4 - wrong value	5	4 - wrong value	5	10	66	
902053020	10 - wrong setup	12 - int. error	15	0 - wrong eq.	5	5	5	4 - wrong value	5	4 - wrong value	5	10	66	
902047454	10 - no concept	8 - missing T-To	15	3 - wrong h3	5	5	5	3 - wrong b2	5	5	10	2 - wrong h, no isn.	59	
902048967	5 -													