

Jnr Light			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Nathan Chalmers	Bu	4	1.2	4	13		13	13.1	8	9		22	7.2	6	11		33	7.1	5	12		45	44	10	13	4		51	49	12
Max Vidau	An	72	1.1	3	15		15	12.2	7	10		25	6.1	3	15		40	7.2	10	7		47	46	9	12	5		54	52	11
Lachlan Cowling	An	76	2.2	1	20		20	12.1	7	10		30	6.2	5	12		42	8.1	1	20		62	42	2	1	20		59	82	2
Samantha Tranter	Lu	30	2.1	2	17		17	11.1	6	11		28	5.1				28	8.2	3	15		43	44	13	14	3		48	46	13
Tayla Ryan	DT	198	3.2	6	11		11	11.2	3	15		26	5.2	3	15		41	9.2	9	8		49	41	7	8	9		51	58	7
Mia Cortolozzis	Mo	49	3.1	5	12		12	10.2				12	4.2				12	9.1	8	9		21	43	22				43	21	22
Jack Back	An	28	4.1	6	11		11	10.1	11	6		17	4.1	6	11		28	10.1				28	40	20	18	1		41	29	20
Keaton Szach	An	Aus2	4.2	2	17		17	9.1	4	13		30	3.2				30	10.2	4	13		43	43	12	4	13		48	56	8
Bethany Simpson	PP	74	5.1	1	20		20	9.2	8	9		29	3.1	2	17		46	11.1	4	13		59	41	4	3	15		54	74	3
Aaron Chalmers	Bu	27	5.2	3	15		15	8.1	1	20		35	2.1	1	20		55	11.2	6	11		66	44	1	2	17		64	83	1
Rylan Furler	Ad	20	6.2	5	12		12	8.2	5	12		24	2.2	1	20		44	12.1	2	17		61	42	3	7	10		57	71	4
Tylar Lambe	BI	24	6.1	7	10		10	7.2				10	1.1	7	10		20	12.2	12	5		25	46	21				46	25	21
Matthew Noakes	An	12	7.1	4	13		13	7.1	13	4		17	1.2	2	17		34	13.1	3	15		49	44	8	11	6		53	55	9
Mitchell Stone	Ta	5	7.2	7	10		10	6.1	3	15		25	13.1	5	12		37	1.2	2	17		54	45	5	6	11		57	65	5
Taine Venables	An	43	8.2	10	7		7	6.2	6	11		18	12.1				18	1.1				18	45	23				45	18	23
Brodie Cunningham	YP	33	8.1					5.2	4	13		13	12.2	8	9		22	2.1	6	11		33	43	17	15	2		44	35	17
Tim Ryan	DT	98	9.2	11	6		6	5.1	12	5		11	11.1	4	13		24	2.2	1	20		44	43	11	9	8		49	52	10
Joshua Bull	Lu	16	9.1					4.1	5	12		12	11.2	7	10		22	3.2	8	9		31	42	18				43	31	18
Benjamin Morris	Ad	14	10.2	12	5		5	4.2				5	10.2				5	3.1				5	42	24				42	5	24
Ashley Stott	Mo	6	10.1	8	9		9	3.1	10	7		16	10.1	8	9		25	4.2	7	10		35	42	16	16	1		43	36	15





## 2011 SA State Titles - Strathalbyn

J Open			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Dylan Ellis	Mo	23	1	1	20		20	20				20	10	9	8		28	11	5	12		40	34	4	4	13		47	53	4
Frankie Maiolo	Mo	24	2	3	15		15	19				15	9	8	9		24	12	9	8		32	31	11				37	32	11
Sam Barnes	Mo	50	3	7	10		10	18				10	8	17	1		11	13	7	10		21	29	13	11	6		33	27	13
Nathan Cowling	An	75	4	2	17		17	17	11	6		23	7	6	11		34	14	11	6		40	27	3	2	17		42	57	3
Jake Tranter	Lu	45	5	5	12		12	16	5	12		24	6	2	17		41	15	6	11		52	26	2	3	15		43	67	2
Jake Armstrong	An	53	6	4	13		13	15	10	7		20	5	4	13		33	16				33	26	8	6	11		35	44	7
Thomas Walkom	An	111	7	18	1		1	14	13	4		5	4	14	3		8	17	15	2		10	27	19	16	1		28	11	19
Jamie Lee Andrews	Mo	30	8	8	9		9	13	9	8		17	3	3	15		32	18				32	29	10	9	8		36	40	9
Amy Alexander	Mo	0	9	13	4		4	12				4	2	1	20		24	19	8	9		33	31	9				39	33	10
Estelle Cronin	An	22	10					11	8	9		9	1	7	10		19	20	12	5		24	34	12				39	24	14
Bradley Hembling	Lo	56	11	10	7		7	10				7	20	16	1		8	1	13	4		12	34	18	13	4		35	16	17
Matthew Baker	Ad	63	12	11	6		6	9	12	5		11	19	13	4		15	2	1	20		35	31	7	8	9		41	44	8
Jess Bull	Lu	20	13	12	5		5	8	3	15		20	18	15	2		22	3	2	17		39	29	6	7	10		40	49	6
Jessie Merret	Ad	77	14	17	1		1	7	14	3		4	17	18	1		5	4	10	7		12	27	17	15	2		28	14	18
Joseph Caruso	An	10	15	6	11		11	6	1	20		31	16	5	12		43	5	3	15		58	26	1	1	20		46	78	1
Greg Perry	An	18	16	9	8		8	5	6	11		19	15	10	7		26	6	4	13		39	26	5	5	12		38	51	5
Joanna Caruso	An	9	17	14	3		3	4	2	17		20	14				20	7				20	27	15	14	3		29	23	15
Thomas English	An	74	18	16	1		1	3	7	10		11	13	11	6		17	8				17	29	16	12	5		30	22	16
Aaron Ooyendyk	Ad	131	19	15	2		2	2			-10	-8	12				-8	9				-8	31	20				32	-8	20
Brad Hammond	An	8	20					1	4	13		13	11	12	5		18	10	14	3		21	34	14	10	7		37	28	12

## 2011 SA State Titles - Strathalbyn

KT Light			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Jake Cunningham	YP	8	1.2	2	17		17	15.1	11	6		23	8.2				23	8.2	9	8		31	40	21				40	31	21
Tim Thompson	An	91	1.1					14.2	12	5		5	7.2	10	7		12	8.1	14	3		15	42	26				42	15	26
Emma Walker	An	14	2.1	3	15		15	14.1	8	9		24	7.1	13	4		28	9.1	7	10		38	38	15	8	9	40	47	12	
Teagan Tranter	Lu	12	2.2	1	20		20	13.1	10	7		27	6.1	3	15		42	9.2	3	15		57	40	4			53	57	7	
Ryan Alexander	Mo	0	3.2	9	8		8	13.2	7	10		18	6.2	3	15		33	10.2	4	13		46	37	8			-8	46	38	17
Tyson Bryden	GS	195	3.1	10	7		7	12.2	6	11		18	5.1	14	3		21	10.1	11	6		27	39	23				39	27	23
Alana Brooks	Mo	30	4.1					12.1	7	10	-5	5	5.2				5	11.2				5	36	28				36	5	28
Zac Taylor	An	11	4.2	10	7		7	11.1	12	5		12	4.2	5	12		24	11.1	6	11		35	38	17	13	4	39	39	14	
Joel Heinrich	An	16	5.1	1	20		20	11.2				20	4.1	1	20		40	12.2	7	10		50	36	6	5	12	47	62	5	
Aaron Ooyendyk	Ad	131	5.2					10.2	10	7		7	3.2	8	9		16	12.1				16	39	25				39	16	25
Amy Rayner	Lu	33	6.1	8	9		9	10.1	9	8		17	3.1	10	7		24	13.2	10	7		31	37	20	14	3	38	34	20	
Chantelle Lutze	An	55	6.2	3	15		15	9.2	8	9		24	2.2	4	13		37	13.1	12	5		42	40	13	10	7	44	49	11	
Grant Higgins	Lu	05	7.1					9.1					2.1					14.2					38	29				38		29
Emily Bogucki	An	84	7.2	12	5		5	8.2	9	8		13	1.2	6	11		24	14.1	13	4		28	42	22				42	28	22
Joel Ettridge	Bu	76	8.2	8	9		9	8.1	5	12		21	1.1	2	17		38	15.1	10	7		45	40	11	6	11	46	56	8	
Ben Wastell	An	52	8.1	7	10		10	7.2	4	13		23	15.1	8	9		32	1.2				32	41	19	12	5	42	37	18	
Greg Perry	An	18	9.2	14	3		3	7.1				3	14.2	7	10		13	1.1	1	20		33	41	18	11	6	42	39	15	
Luke Waters	An	38	9.1	4	13		13	6.1	6	11		24	14.1	12	5		29	2.1	2	17		46	39	9			47	46	13	
Joseph Caruso	An	10	10.2	6	11		11	6.2	3	15		26	13.1	7	10		36	2.2	8	9		45	39	10	7	10	46	55	9	
Laura Gladigau	Ta	9	10.1					5.1					13.2					3.2	11	6		6	38	27				38	6	27



KT Medium			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Matthew Commane	Ad	60	1.2	14	3		3	18.2				3	9.1				3	10.1				3	36	34				36	3	34
Ben Stone	Ta	12	1.1	1	20		20	18.1				20	9.2	4	13		33	10.2				33	36	16				37	33	18
Damian Lewis	An	7	2.2	1	20		20	17.1				20	8.2	2	17		37	11.2	6	11		48	33	5	6	11		45	59	6
Darren Shields	An	55	2.1	2	17		17	17.2	8	9		26	8.1	8	9		35	11.1				35	33	13				37	35	16
Duran Cowland	Ad	42	3.2	4	13		13	16.1	8	9		22	7.1	11	6		28	12.1	4	13		41	31	7	12	5		41	46	8
Jason Madden	YP	15	3.1	5	12		12	16.2	12	5		17	7.2	7	10		27	12.2	14	3		30	31	19	13	4		32	34	17
Kobi Rontaunay	YP	18	4.1					15.1					6.1					13.1				30	36					30		35
Jarrod Moore	Ad	8	4.2	2	17		17	15.2	3	15		32	6.2	1	20		52	13.2	7	10		62	30	1	1	20		50	82	1
Scott Bogucki	An	Aus1	5.1					14.1					5.2					14.2				30	35					30		36
Patrick Merrett	Ta	164	5.2	3	15	-15		14.2	7	10		10	5.1	6	11		21	14.1				21	30	27				30	21	27
Craig Manuel	An	57	6.2					13.1					4.1	13	4		4	15.1	9	8		12	30	31				30	12	31
Ashley Nitschke	Ta	47	6.1	4	13		13	13.2	11	6		19	4.2	6	11		30	15.2	11	6		36	30	10				37	36	14
Ryan Afford	Pp	20	7.1	12	5		5	12.2	10	7		12	3.2	8	9		21	16.1	10	7		28	31	22				31	28	22
Casey Van Der Stelt	An	21	7.2					12.1	10	7		7	3.1	9	8		15	16.2	12	5		20	31	30				31	20	30
Tim McNamara	An	61	8.2	5	12		12	11.2				12	2.1	2	17		29	17.2	10	7		36	33	12	9	8		38	44	9
Adrian Haywood	GS	10	8.1	3	15		15	11.1	6	11		26	2.2				26	17.1	7	10		36	33	11				39	36	15
Benjamin Disbury	Ad	41	9.2	7	10		10	10.1				10	1.1	3	15		25	18.1	12	5		30	36	20				37	30	20
Reilly Sanders	Ta	54	9.1	11	6		6	10.2				6	1.2	3	15		21	18.2				21	36	28				36	21	28
Ryan Rodda	Pp	13	10.2	10	7		7	9.1				7	18.1				7	1.2	13	4		11	36	32				36	11	32
Kieran Thompson	Lu	73	10.1	15	2		2	9.2				2	18.2	12	5		7	1.1	3	15		22	36	26				36	22	26



# Australian Independent Dirt Kart Association

## 2011 SA State Titles - Strathalbyn

KT Heavy			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Luke Brock	Ta	51	1.2	2	17		17	13.1	6	11		28	7.2	7	10		38	7.2	4	13		51	44	4	8	9		57	60	5
Wade Hackett	An	69	1.1	1	20		20	13.2	5	12		32	6.2	1	20		52	8.1	3	15		67	44	1	1	20		64	87	1
Peter Cates	An	67	2.2	3	15		15	12.2	8	9		24	6.1				24	8.2	6	11		35	42	13	10	7		46	42	12
Neville Clarke	An	Aus2	2.1	3	15		15	12.1	3	15		30	5.1	4	13		43	9.1	6	11		54	42	3	3	15		57	69	3
Tom Clifton	An	27	3.1	2	17		17	11.1	7	10		27	5.2	4	13		40	9.2	9	8		48	41	7	4	13		51	61	4
Scott Finn	Lo	33	3.2	7	10		10	11.2				10	4.1				10	10.2	5	12		22	41	22				41	22	22
Shannon Aplin	An	7	4.2					10.1	4	13		13	4.2	3	15		28	10.1	9	8		36	40	12				45	36	16
Lee Martin	Re	888	4.1	5	12		12	10.2	9	8		20	3.1	3	15		35	11.2	8	9		44	41	10	5	12		48	56	8
Mitchell Devlin	Lu	47	5.1	9	8		8	9.2	11	6		14	3.2	6	11		25	11.1	10	7		32	41	18	13	4		42	36	15
Brett Frankenfeld	An	65	5.2	1	20	-3	17	9.1				17	2.1	2	17		34	12.1				34	42	15				44	34	17
Darren Fridd	Bl	5	6.2					8.2	7	10		10	2.2	2	17		27	12.2	10	7		34	42	14	14	3		45	37	14
Darren Shields	An	11	6.1	4	13		13	8.1				13	1.1	1	20		33	13.2				33	44	17				45	33	19
Michael Kielly	Ad	37	7.2	9	8		8	7.1				8	1.2		-5	3	13.1	8	9		12	44	23					44	12	23
Trevor Michelmore	An	95	7.1	10	7		7	7.2	6	11		18	13.2	10	7		25	1.2	2	17		42	44	11	12	5		50	47	11
Rob Nottle	Ta	161	8.1					6.1	5	12		12	13.1	7	10		22	1.1	5	12		34	44	16				45	34	18
Matthew Maiolo	Mo	12	8.2					6.2					12.1					2.2					42	25				42		25
Joshua Michelmore	An	Aus3	9.1	6	11		11	5.1	2	17		28	12.2	8	9		37	2.1	1	20		57	42	2	2	17		59	74	2
Shane Tynan	An	68	9.2	8	9		9	5.2	10	7		16	11.1				16	3.1	7	10		26	41	20				42	26	20
Jamie Morton	An	56	10.2	5	12		12	4.2	3	15		27	11.2	5	12		39	3.2	7	10		49	41	6	7	10		52	59	6
John. W. Pfeiler	Bl	48	10.1					4.1					10.2	9	8		8	4.2	3	15		23	40	21				40	23	21









# Australian Independent Dirt Kart Association

## 2011 SA State Titles - Strathalbyn

125 Heavy			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Matthew Lane	Ad	99	1.2	2	17		17	17.1	11	6		23	9.2	12	5		28	9.1	7	10		38	37	10	10	7		44	45	10
Troy Small	An	55	1.1	1	20		20	17.2	11	6		26	8.1				26	10.1	10	7		33	37	15	5	12		39	45	9
Darren Shields	An	10	2.2	1	20		20	16.1				20	8.2				20	10.2				20	34	27				34	20	27
Joel Ettridge	Bu	76	2.1	2	17		17	16.2	6	11		28	7.2	4	13		41	11.1	6	11		52	34	6				45	52	7
Rory Stevenson	Mo	81	3.2	3	15		15	15.1				15	7.1	8	9		24	11.2	10	7		31	33	18				34	31	19
Darren Rowe	An	13	3.1					15.2	10	7		7	6.1	1	20		27	12.2	9	8		35	33	13	7	10		37	45	8
Shane Osmond	An	44	4.1	3	15		15	14.1	10	7		22	6.2				22	12.1	8	9		31	32	16				33	31	18
Paul Remphrey	Ad	59	4.2	5	12		12	14.2	14	3		15	5.2	7	10		25	13.1	13	4		29	32	21				32	29	21
Adam Stirling	An	6	5.1	12	5		5	13.2	12	5		10	5.1	11	6		16	13.2	12	5		21	32	26				32	21	26
Rick Kovarik	An	28	5.2	4	13		13	13.1	12	5		18	4.1				18	14.2				18	32	29				32	18	29
Michael Kielly	Ad	57	6.2	6	11		11	12.2	15	2		13	4.2	6	11		24	14.1	14	3		27	32	24				32	27	23
Aaron Hines	An	89	6.1	6	11		11	12.1	9	8		19	3.1	4	13		32	15.1	12	5	-3	34	33	14				36	34	17
Ben Bull	Lu	22	7.1	8	9		9	11.1	4	13		22	3.2	1	20		42	15.2	3	15		57	33	4	1	20	-20	46	57	6
Mark Romeo	Mo	45	7.2					11.2					2.2					16.1					34	33				34		32
Tim Goss	Re	71	8.2					10.1					2.1					16.2					34	32				34		33
Matthew Maiolo	Mo	11	8.1					10.2					1.1					17.2					37	34				37		34
Kobi Koch	Lo	37	9.2	13	4		4	9.2	13	4		8	1.2	2	17		25	17.1	11	6		31	37	20	8	9		38	40	13
San Freeman	An	26	9.1	10	7		7	9.1	1	20		27	17.2	5	12		39	1.1	1	20		59	37	3	6	11		52	70	2
Ian Rowlands	Lu	9	10.2	11	6		6	8.2	9	8		14	17.1	12	5		19	1.2				19	37	28				37	19	28
Jason Norris	Ad	18	10.1	11	6		6	8.1	8	9		15	16.2				15	2.1				15	34	30				34	15	30



# Australian Independent Dirt Kart Association

## 2011 SA State Titles - Strathalbyn

100 Open			7/05/2011																											
Results Sheet 1			Heat 1					Heat 2					Heat 3					Heat 4					Final							
Name	Club	Kart	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Grid Position	Finishing Position	Position Points	Penalty Points	Sub Total Points	Heat Grid Points	Grid Position	Finishing Position	Position Points	Penalty Points	Meeting Grid Points	Total Points	Meeting Position
Darren Viney	An	35	1.2					13.1					7.2					7.1	7	10		10	44	23				44	10	23
Lisa Walker	An	4	1.1	1	20		20	12.2	6	11		31	6.1	3	15		46	7.2	3	15		61	46	2	2	17		63	78	2
Ben Brown	An	23	2.2					12.1	4	13		13	6.2				13	8.1	1	20		33	42	15	10	7		44	40	12
Mark Burford	Ad	9	2.1	4	13		13	11.1				13	5.1	2	17		30	8.2	5	12		42	44	10	5	12		51	54	9
Hayden Kendrick	An	5	3.2	1	20		20	11.2	9	8		28	5.2	3	15		43	9.2				43	41	8	11	6		50	49	10
Jarrold Moore	Ad	8	3.1	2	17		17	10.2	2	17		34	4.2	1	20		54	9.1	2	17		71	43	1	1	20		63	91	1
Ryan Rodda	Pp	11	4.1	5	12		12	10.1	7	10		22	4.1				22	10.1	6	11		33	40	14				43	33	17
Kym Rodda	Pp	15	4.2					9.1	10	7		7	3.2	6	11		18	10.2				18	43	21				43	18	21
Bryden Chalmers	Bu	29	5.1	8	9		9	9.2	11	6		15	3.1	4	13		28	11.1	8	9		37	41	11	13	4		47	41	11
Patrick Merrett	Ta	64	5.2	2	17		17	8.1	6	11		28	2.1	1	20		48	11.2	6	11		59	44	4				57	59	7
Steve Clifton	An	27	6.2	6	11		11	8.2	8	9		20	2.2	5	12		32	12.1				32	42	16	14	3		43	35	14
Lachlan Cates	An	17	6.1	3	15		15	7.2	7	10		25	1.1				25	12.2	7	10		35	46	13				50	35	16
Peter Round	Mo	31	7.1	9	8		8	7.1	9	8		16	1.2				16	13.1				16	44	22				44	16	22
Matthew Kennedy	An	28	7.2					6.1	8	9		9	13.1				9	1.2				9	45	24				45	9	24
Scott Bogucki	An	84	8.2					6.2					12.1					1.1					45	25				45		25
Jake Ashworth	An	22	8.1					5.2	3	15		15	12.2				15	2.1	3	15		30	43	17	9	8		44	38	13
Bradley Dalwood	An	33	9.2	3	15		15	5.1	5	12		27	11.1	6	11		38	2.2	2	17		55	43	6	7	10		54	65	5
Jason Wilson	Mo	10	9.1	10	7		7	4.1				7	11.2	8	9		16	3.2	8	9		25	42	18				43	25	19
Rhys Hackett	An	26	10.2					4.2	5	12		12	10.2	2	17		29	3.1	4	13		42	42	9	3	15		50	57	8
Reilly Sanders	Ta	54	10.1	7	10	-4	6	3.1	3	15		21	10.1				21	4.2				21	42	20				43	21	20





