MATH FIELD DAY 2006

MAD HATTER A
Answer Sheet

Simplify all answers

Name Key School _____ Number Correct _____

WARM-UP QUESTIONS

(i)	–45	(ii)	3	(iii)	3	(iv)	3/5

1	8/5	11	4	21	100	31	1
2	–1	12	–1/2	22	24	32	6
3	1	13	1/3	23	20	33	4
4	2π	14	0	24	–4	34	1/2
5	x^3	15	4	25	4	35	1003
⇩		⇩		⇩		⇩	
6	$\sqrt{x^2-6}$	16	127	26	3/2	36	2
7	27	17	9	27	–1	37	10
8	7	18	12π	28	2	38	2005
9	1/2	19	–40	29	4/3	39	0
10	24/25	20	0	30	9	40	9

MATH FIELD DAY 2006

MAD HATTER B
Answer Sheet

Simplify all answers

Name Key School _____ Number Correct _____

WARM-UP QUESTIONS

(i)	$16\sqrt{5}$	(ii)	6	(iii)	108^0	(iv)	–45

1	36	11	2	21	27	31	4
2	5	12	1/2	22	9	32	–4
3	60 (or 60^0)	13	6	23	6	33	12π
4	4	14	1/2	24	9	34	127
5	6	15	8/5	25	2π	35	4
⇩		⇩		⇩		⇩	
6	24	16	–1	26	–2	36	2005
7	100	17	–1/2	27	27	37	3/2
8	20	18	9/10	28	1/2	38	0
9	6	19	10	29	12	39	4
10	2	20	5	30	2	40	9