



ALOHA ABACUS & MENTAL ARITHMETIC  
NATIONAL LEVEL COMPETITION - 2009

LEVEL 6

TIME LIMIT 5 minutes

A	B	C	D	E	F	G	H	I	J
83	95	27	68	96	88	55	76	93	89
36	-56	72	62	54	67	49	52	61	96
92	33	96	-13	13	28	82	93	-51	-16
-16	24	54	-14	84	-12	-36	-29	36	55
-17	72	-39	76	-26	-14	11	12	24	38
54	-12	14	29	-17	33	38	18	38	-27
33	48	18	33	55	55	41	37	-12	16
12	33	46	24	15	-14	-29	14	31	59

K	L	M	N	O	P	Q	R	S	T
67	53	65	83	74	76	34	74	63	36
88	92	36	-13	29	53	29	32	24	56
33	-16	12	29	68	92	62	93	93	82
52	29	59	62	-12	-29	-17	-11	-13	-19
-12	38	-39	-73	-19	36	58	53	26	29
-16	76	26	59	-33	-11	13	42	-55	33
39	-52	72	26	46	55	26	-16	41	14
14	49	-45	81	82	-19	12	77	36	29

U	V	W	X	Y	Z	AA	AB	AC	AD
96	87	99	33	89	98	13	55	37	96

83	29	82	45	62	89	46	96	62	77
17	35	-16	28	73	54	64	37	53	35
-42	82	17	26	62	75	93	16	82	58
38	-62	42	76	-12	37	-39	14	-28	-62
29	73	38	-19	-36	67	82	38	16	74
62	24	-26	-18	45	51	28	12	17	16
-12	-19	34	39	29	38	-24	39	-29	81
44	-20	16	42	33	-19	44	62	35	-33
25	81	18	51	29	-18	22	-99	14	12

AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
296	986	872	509	676	3261	5584	7308	1986	1563
375	245	369	676	274	1954	2371	2198	2473	2162
289	-115	245	-291	-114	2831	-1216	-4262	3271	2375
617	203	-311	352	518	-1661	-1274	-1155	-4116	-1438

AO	65X96 =
AP	38X84 =
AQ	57X46 =
AR	29X31 =
AS	42X65 =

AT	196X42=
AU	276X85=
AV	459X13=
AW	371X33=
AX	676X16=

AY	$660 \div 12 =$
AZ	$714 \div 34 =$
BA	$247 \div 19 =$
BB	$806 \div 26 =$
BC	$462 \div 42 =$

BD	$2548 \div 98 =$
BE	$1870 \div 22 =$
BF	$1824 \div 19 =$
BG	$6384 \div 76 =$
BH	$1584 \div 66 =$

<b>BI</b>
171.96
51.38
4.96

<b>BJ</b>
998.67
-41.39
3.89

<b>BK</b>
291.82
-4.56
11.92

<b>BL</b>
29.69
141.86
-4.17

<b>BM</b>
102.98
66.54
8.91

BN	$15/3 + 12/3 =$
BO	$3 \frac{2}{5} - 1 \frac{6}{5} =$
BP	$6/7 + 5/9 =$
BQ	$2/9 + 4/3 =$
BR	$16/5 - 10/5 =$