

MENTAL



**12th All India Abacus & Mental Arithmetic Competition - 2012
- Model Paper
HIGHER B**

+/- 2 Marks per question
x/÷ 1 Mark per question

Time Limit : 8 / 200 Q

GROUP	TOTAL MARKS		Paper corrector Sign
G1, G2, G3		300	Data Entry Sign

Chennai Trade Centre, Convention Hall (25/8/2012)

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	41	9	1	3	8	57	2	51	58	24	4	7	3	4	5	95	96	72	61	8	8	2	63	8	6
2	55	-1	36	3	5	2	75	5	-3	3	95	77	3	94	38	83	-1	87	25	1	97	9	57	-5	96
3	1	75	63	82	23	3	51	4	1	3	3	-55	88	8	9	1	4	4	-5	83	75	63	9	1	62
4	42	-9	8	-19	1	5	-3	2	-1	7	9	34	92	-9	96	5	64	3	1	4	5	-8	58	85	1
5	1	2	6	43	79	2	5	75	9	53	86	-6	12	19	3	6	7	9	-4	37	1	9	4	-4	8
6	9	-9	8	-4	8	7	-4	3	-23	3	5	3	6	-9	11	86	-7	9	48	7	18	-5	3	23	57
7	2	33	98	3	6	56	38	3	18	1	23	-9	6	97	4	6	51	9	-3	3	8	14	8	-34	4
8	4	32	5	-4	96	39	-9	27	8	12	1	7	6	-6	6	5	-9	59	9	86	6	-37	9	7	7
Ans																									

No.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	34	15	87	94	33	93	99	94	91	12	42	78	11	89	82	35	93	43	56	24	60	82	31	22	67
2	95	14	98	-62	63	25	-22	38	-75	97	32	14	43	99	96	60	73	18	-31	47	72	-46	30	91	48
3	71	-16	63	92	81	95	57	61	34	70	48	19	84	-74	44	44	90	91	89	87	79	56	32	-62	44
4	68	48	99	-59	78	58	58	16	36	97	56	-88	88	61	83	69	-71	28	-53	61	17	-70	28	81	57
5	91	82	55	44	65	78	-89	50	-30	13	83	78	70	-48	20	50	49	14	35	38	71	27	48	-88	38
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7	29	25	86	-78	89	59	-21	58	56	67	55	50	86	22	16	99	47	63	-68	48	11	-57	69	-68	89
8	63	-95	97	24	20	54	39	17	-48	17	33	-31	89	-42	83	59	-25	67	67	51	97	23	74	40	27
Ans																									

No.	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
1	78	76	29	91	20	89	68	54	65	57	65	98	52	95	41	74	12	87	33	57	65	60	42	40	47
2	64	18	64	16	59	77	-38	25	-37	11	82	12	65	-16	30	11	43	72	39	86	22	-27	74	83	76
3	72	73	96	18	19	17	92	86	60	19	68	-61	69	52	15	20	-36	44	-26	64	29	53	53	91	38
4	76	-13	14	70	15	11	55	42	99	42	61	61	76	19	85	12	42	48	64	43	78	-25	42	-74	69
5	22	99	27	-53	79	48	11	18	62	49	48	65	83	-24	63	18	67	93	-83	46	72	94	22	99	42
6	15	95	73	16	61	76	-36	38	84	46	24	-61	85	84	30	33	-57	70	48	94	40	89	75	26	33
7	84	-56	82	-22	39	63	96	81	-98	83	52	89	50	33	19	60	19	24	83	47	52	-28	67	-11	11
8	18	75	40	63	84	40	-71	63	12	88	74	-19	36	-85	84	45	-40	32	-25	96	63	94	62	13	12
9	18	-81	26	-75	48	19	83	50	-84	34	43	88	70	94	56	20	74	29	96	80	67	21	72	-40	17
Ans																									

No.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	58	73	16	25	41	44	66	65	62	97	46	92	79	11	89	57	22	44	18	25	50	32	12	99	36
2	79	-26	70	77	52	63	62	19	92	71	62	52	16	32	94	95	86	27	-18	71	31	84	56	39	29
3	31	18	59	-79	77	78	-11	35	-49	35	55	29	99	-30	76	28	82	79	54	83	20	70	71	46	83
4	53	30	12	19	95	58	34	10	52	68	57	52	30	74	26	37	90	51	38	42	49	-83	97	-47	17
5	33	45	71	84	49	43	55	54	97	76	61	-24	24	65	27	21	26	80	25	16	57	15	76	44	55
6	13	-62	25	70	20	63	-76	78	-41	89	85	87	47	-84	35	30	-39	63	-41	46	33	30	76	-41	33
7	42	67	38	-60	45	23	44	72	59	49	79	-93	73	71	23	46	84	12	56	73	53	-28	34	11	84
8	70	60	31	37	57	55	84	88	24	27	95	94	22	-15	83	82	-72	61	22	86	32	33	76	-81	84
9	38	76	85	80	45	38	16	85	-19	44	89	27	63	76	93	53	44	17	-43	51	66	83	15	87	22
10	34	-87	63	-51	53	51	-57	23	69	44	40	-78	88	24	49	78	-23	13	10	92	69	-94	23	44	13
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
G1, G2, G3	300	Data Entry Sign

Chennai Trade Centre, Convention Hall (25/8/2012)

101	4743	X	2	=	
102	2090	X	4	=	
103	6145	X	5	=	
104	2818	X	3	=	
105	7050	X	3	=	
106	1560	X	7	=	
107	6231	X	7	=	
108	8693	X	9	=	
109	5292	X	7	=	
110	6243	X	7	=	
111	9736	X	6	=	
112	3963	X	5	=	
113	2863	X	8	=	
114	8315	X	7	=	
115	9225	X	7	=	
116	8383	X	2	=	
117	6053	X	4	=	
118	3980	X	8	=	
119	8763	X	4	=	
120	2566	X	9	=	
121	4446	X	6	=	
122	9581	X	2	=	
123	9892	X	7	=	
124	6296	X	8	=	
125	3355	X	9	=	

126	72	X	17	=	
127	69	X	58	=	
128	97	X	72	=	
129	28	X	33	=	
130	56	X	36	=	
131	58	X	23	=	
132	70	X	41	=	
133	89	X	84	=	
134	80	X	34	=	
135	57	X	91	=	
136	49	X	12	=	
137	47	X	11	=	
138	26	X	23	=	
139	89	X	66	=	
140	89	X	29	=	
141	83	X	77	=	
142	30	X	77	=	
143	27	X	56	=	
144	97	X	40	=	
145	42	X	48	=	
146	94	X	80	=	
147	79	X	98	=	
148	59	X	66	=	
149	21	X	33	=	
150	48	X	36	=	

151	2400	÷	4	=	
152	2448	÷	6	=	
153	1296	÷	2	=	
154	1142	÷	2	=	
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157	5901	÷	7	=	
158	504	÷	2	=	
159	2500	÷	4	=	
160	740	÷	4	=	
161	1851	÷	3	=	
162	813	÷	3	=	
163	1808	÷	8	=	
164	1890	÷	2	=	
165	3808	÷	8	=	
166	3717	÷	7	=	
167	1365	÷	5	=	
168	5814	÷	9	=	
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171	1068	÷	6	=	
172	1026	÷	3	=	
173	2755	÷	5	=	
174	2481	÷	3	=	
175	3896	÷	4	=	

176	1475	÷	25	=	
177	3960	÷	60	=	
178	1593	÷	27	=	
179	660	÷	20	=	
180	1224	÷	68	=	
181	5467	÷	71	=	
182	2950	÷	59	=	
183	6789	÷	93	=	
184	3038	÷	98	=	
185	800	÷	80	=	
186	2025	÷	27	=	
187	160	÷	16	=	
188	2542	÷	41	=	
189	840	÷	14	=	
190	4662	÷	63	=	
191	6723	÷	81	=	
192	1419	÷	33	=	
193	2523	÷	87	=	
194	6958	÷	71	=	
195	1785	÷	51	=	
196	7553	÷	83	=	
197	754	÷	26	=	
198	915	÷	15	=	
199	1081	÷	23	=	
200	2244	÷	51	=	