

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	82	21	9	6	66	1	9	91	88	1	7	9	56	81	56	3	45	5	1	4	9	49	4	61	65
2	6	-7	77	46	6	15	-2	1	-36	4	45	-3	4	-28	3	1	-7	3	-1	62	43	-44	3	-3	7
3	4	6	76	-7	1	94	48	4	1	7	4	34	5	8	5	6	7	2	88	68	6	5	9	61	58
4	6	-1	8	53	76	7	-5	5	-33	6	5	4	27	-1	35	2	27	15	-8	8	4	8	53	-83	4
5	7	9	5	-6	44	89	5	92	8	14	71	-1	19	6	1	54	-6	2	1	3	5	-2	7	6	8
6	18	-9	4	26	9	5	94	2	8	51	1	34	8	-1	7	3	4	98	92	32	22	25	8	6	81
7	4	69	7	-1	5	6	-68	5	-5	57	53	56	4	63	2	78	-8	8	78	2	42	2	46	8	1
8	79	59	68	4	3	4	6	59	6	3	6	-9	1	6	74	57	84	64	-4	2	1	-9	92	-7	8
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	97	34	54	61	27	80	35	22	33	80	85	80	34	80	39	54	34	53	88	95	33	10	67	30	69
2	52	38	53	53	96	19	97	29	-29	85	86	43	60	97	57	13	31	12	66	64	32	24	68	-27	24
3	74	-20	41	38	94	48	-98	14	21	79	45	-65	99	-43	64	56	10	39	-13	22	68	92	56	41	56
4	51	83	46	-63	37	14	27	13	99	42	97	33	50	46	36	92	-27	36	28	80	32	-29	68	-22	14
5	70	65	73	19	80	18	-52	59	-77	44	81	85	83	10	69	73	87	70	-26	12	35	14	78	75	17
6	95	-10	17	-51	42	21	86	77	92	22	15	-57	77	-84	75	16	-15	91	75	94	20	-11	81	-16	82
7	85	29	16	89	56	77	-37	39	-82	84	77	49	36	44	72	72	11	60	93	70	51	61	75	89	17
8	68	-40	95	-67	61	22	60	76	88	63	22	-30	33	-84	32	83	-93	31	-30	74	88	-76	33	42	17
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	69	45	65	90	68	90	36	97	21	49	47	18	29	64	34	51	98	36	43	18	63	62	96	14	43
2	51	24	82	-87	16	36	58	35	78	70	53	68	91	19	36	51	-73	29	47	83	84	49	51	89	40
3	47	33	70	50	47	45	94	51	81	81	78	25	64	-63	50	38	79	96	66	61	67	18	99	27	41
4	95	-70	74	63	97	19	-83	13	-85	85	89	47	18	64	78	21	40	65	-94	98	68	-48	75	-83	61
5	85	49	86	19	26	24	73	69	45	70	38	-90	15	-81	22	75	-16	75	46	49	55	76	26	54	37
6	67	63	16	69	81	91	-45	68	22	72	65	83	38	51	99	37	52	17	30	97	69	39	77	-27	41
7	10	-50	25	-92	49	61	51	33	-46	75	19	-28	83	97	67	22	67	19	-81	90	72	-67	51	66	20
8	10	83	50	86	59	84	-32	26	14	38	85	98	50	-39	61	88	-51	25	93	95	18	49	61	-71	20
9	50	-20	17	-71	75	56	62	87	-96	75	78	-51	38	36	85	20	76	34	-29	97	64	-12	25	67	51
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	89	65	96	32	17	46	47	73	65	61	71	78	39	40	45	64	83	58	21	93	28	81	20	65	46
2	74	-50	59	33	95	63	49	33	-23	89	66	11	48	83	57	56	15	11	-19	15	86	51	17	61	91
3	22	84	64	17	88	44	27	37	62	30	59	-34	61	49	88	37	-33	64	56	12	87	-33	64	-10	56
4	61	56	70	-48	36	43	94	29	18	59	50	47	51	88	39	80	85	52	98	95	72	86	10	80	12
5	85	70	79	68	42	13	-44	75	-40	97	98	48	81	-42	45	56	-82	95	-41	93	56	-78	41	49	43
6	32	-57	77	-26	36	13	91	20	72	34	19	-51	96	45	12	81	31	47	20	27	36	95	40	-89	92
7	62	22	44	25	61	33	95	24	17	61	35	91	47	96	17	71	63	75	68	56	67	84	28	96	95
8	34	28	51	90	30	45	-52	66	50	25	20	91	81	-76	72	32	54	43	33	19	37	-38	39	-53	59
9	86	-12	27	39	75	33	67	86	90	38	72	-19	44	73	54	61	-14	67	-80	82	22	26	36	87	63
10	19	45	35	-26	98	82	-86	14	-44	76	21	39	71	-80	46	56	13	49	45	79	38	58	15	40	20
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	8981 X 3 =
102	2700 X 7 =
103	8454 X 5 =
104	6561 X 3 =
105	2877 X 8 =
106	5091 X 2 =
107	7597 X 5 =
108	9673 X 8 =
109	2336 X 7 =
110	3451 X 5 =
111	8455 X 8 =
112	7511 X 7 =
113	3866 X 4 =
114	1576 X 3 =
115	8871 X 9 =
116	5070 X 7 =
117	8264 X 2 =
118	9154 X 2 =
119	8923 X 9 =
120	6987 X 4 =
121	5888 X 9 =
122	8798 X 2 =
123	2218 X 2 =
124	2442 X 4 =
125	7885 X 6 =

126	86 X 27 =
127	44 X 53 =
128	50 X 46 =
129	71 X 67 =
130	37 X 31 =
131	86 X 83 =
132	84 X 42 =
133	17 X 73 =
134	79 X 46 =
135	62 X 10 =
136	65 X 99 =
137	86 X 40 =
138	62 X 74 =
139	84 X 54 =
140	48 X 27 =
141	22 X 79 =
142	23 X 13 =
143	81 X 78 =
144	46 X 51 =
145	97 X 79 =
146	20 X 71 =
147	46 X 98 =
148	92 X 93 =
149	51 X 28 =
150	25 X 37 =

151	4450 ÷ 5 =
152	3820 ÷ 4 =
153	3766 ÷ 7 =
154	2223 ÷ 3 =
155	3573 ÷ 9 =
156	2406 ÷ 6 =
157	801 ÷ 3 =
158	4955 ÷ 5 =
159	1058 ÷ 2 =
160	3096 ÷ 4 =
161	2860 ÷ 4 =
162	2870 ÷ 5 =
163	1882 ÷ 2 =
164	5265 ÷ 9 =
165	444 ÷ 4 =
166	348 ÷ 2 =
167	6312 ÷ 8 =
168	5334 ÷ 7 =
169	1336 ÷ 2 =
170	2343 ÷ 3 =
171	3178 ÷ 7 =
172	1900 ÷ 2 =
173	1432 ÷ 4 =
174	2028 ÷ 3 =
175	3990 ÷ 7 =

176	3705 ÷ 39 =
177	2409 ÷ 73 =
178	1520 ÷ 95 =
179	6561 ÷ 81 =
180	7812 ÷ 93 =
181	1612 ÷ 62 =
182	2907 ÷ 57 =
183	4230 ÷ 94 =
184	6693 ÷ 69 =
185	2002 ÷ 22 =
186	1071 ÷ 21 =
187	1407 ÷ 67 =
188	270 ÷ 27 =
189	616 ÷ 44 =
190	1224 ÷ 36 =
191	5978 ÷ 61 =
192	1760 ÷ 88 =
193	4288 ÷ 64 =
194	2040 ÷ 34 =
195	2328 ÷ 97 =
196	468 ÷ 36 =
197	1476 ÷ 41 =
198	770 ÷ 55 =
199	6365 ÷ 67 =
200	4806 ÷ 89 =