

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	59	25	7	23	7	7	51	1	56	8	86	74	27	73	3	1	62	2	5	11	24	72	3	6	9
2	1	-6	77	-5	95	9	7	5	7	8	4	-2	85	-1	7	7	-9	1	-2	9	31	4	2	5	26
3	1	9	4	2	57	28	-38	44	58	6	47	5	24	55	77	8	4	31	99	5	2	6	7	-2	1
4	8	-9	7	5	2	11	8	7	-85	64	8	-2	3	-5	41	3	-6	8	-17	3	25	-3	6	45	59
5	5	2	43	64	5	6	81	78	3	5	61	14	7	9	2	4	8	4	5	77	7	2	21	-17	7
6	64	11	3	-29	1	5	-6	79	-1	3	5	1	7	5	2	77	-58	5	-14	34	4	-29	17	17	2
7	46	1	15	4	56	1	1	9	6	27	2	-8	9	2	4	34	94	62	7	6	4	96	1	-2	94
8	3	-14	2	-2	4	88	-8	3	-5	39	1	16	2	-79	67	17	5	84	4	8	4	-8	82	3	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	75	67	69	70	62	98	91	58	78	24	45	27	75	63	33	68	59	22	56	34	37	11	45	49	19
2	56	62	91	-25	37	12	94	60	-60	19	12	-24	12	55	67	10	-28	55	16	60	24	97	65	-24	93
3	85	75	20	96	31	55	-25	96	70	42	43	92	58	-20	31	27	92	16	-32	52	13	-24	57	63	66
4	77	-57	56	-67	86	20	65	39	-29	59	12	21	51	30	46	36	-48	82	84	41	32	68	97	51	34
5	59	92	48	71	68	40	-33	80	70	59	73	82	34	-33	53	73	94	99	-76	12	57	57	30	57	61
6	98	-12	85	78	61	98	22	30	98	51	72	-77	36	51	31	33	48	25	28	52	64	-56	27	-81	68
7	88	77	91	59	40	83	-11	22	-23	91	91	26	38	-63	94	47	37	66	66	44	57	62	87	35	43
8	60	-65	77	-14	21	96	98	65	82	33	21	-58	66	97	21	92	-42	80	-67	88	55	-52	15	-90	61
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	94	52	19	98	36	12	19	72	99	48	38	70	93	32	69	43	68	44	49	68	73	87	14	77	38
2	77	-28	97	44	73	97	99	32	99	45	55	77	93	-20	21	69	88	70	-43	79	19	83	20	61	20
3	90	25	21	44	94	50	-31	46	-81	75	64	66	62	25	21	30	17	44	40	15	20	17	29	83	92
4	27	-30	83	-76	38	94	32	91	92	48	28	15	65	57	44	25	-30	94	14	22	94	86	51	87	89
5	80	91	99	76	72	89	68	20	-27	89	92	-26	69	-62	58	59	28	93	-34	31	59	-10	82	-67	17
6	51	30	64	-97	95	34	-14	36	86	82	73	56	58	96	33	28	-97	97	11	46	48	63	48	12	65
7	40	42	55	36	28	23	31	58	21	43	30	-65	65	41	77	60	76	10	32	28	91	-45	80	-44	41
8	48	-25	17	30	77	42	-92	97	-57	22	98	46	24	17	76	53	-66	84	17	86	57	32	52	73	19
9	69	79	30	-90	87	47	88	86	87	20	99	-54	41	-90	20	93	16	31	-28	95	29	-15	86	-78	24
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	42	75	64	55	34	69	10	68	88	61	97	63	77	63	38	57	35	16	77	20	15	54	29	69	55
2	65	72	20	72	28	66	24	37	45	96	15	17	21	25	77	30	-33	52	92	59	56	78	78	-67	46
3	28	97	43	-85	12	19	25	47	85	66	35	83	-34	51	11	81	71	-82	42	85	54	77	97	75	75
4	85	-83	19	11	71	33	19	57	-26	15	24	-16	98	93	12	45	31	96	89	78	81	46	91	15	86
5	47	70	65	61	60	90	-14	76	99	11	86	29	72	73	20	73	-51	87	58	55	38	-39	31	-80	72
6	24	-65	49	-80	80	88	98	73	33	74	17	26	22	12	67	45	16	71	44	17	10	79	32	21	33
7	72	26	63	95	30	80	-14	51	81	61	88	-36	54	-37	25	74	62	64	23	93	87	-34	86	32	24
8	24	-59	23	75	56	29	73	90	-89	15	75	47	11	31	97	97	47	81	-86	86	51	96	19	-40	82
9	29	68	65	58	97	38	-86	45	53	64	48	-44	63	-89	35	26	56	84	91	21	46	-35	44	87	33
10	67	47	39	-85	17	12	98	71	-39	42	78	43	67	58	47	62	-41	71	-79	86	80	36	87	39	49
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	6697 X 4 =
102	8853 X 3 =
103	5075 X 9 =
104	3332 X 5 =
105	8271 X 8 =
106	9833 X 5 =
107	5509 X 4 =
108	2232 X 2 =
109	5804 X 3 =
110	2891 X 6 =
111	3333 X 2 =
112	3874 X 9 =
113	4806 X 5 =
114	3723 X 9 =
115	8726 X 3 =
116	3010 X 8 =
117	4278 X 5 =
118	9041 X 3 =
119	4013 X 6 =
120	8363 X 7 =
121	5906 X 2 =
122	8082 X 6 =
123	6595 X 7 =
124	3614 X 3 =
125	3968 X 7 =

126	21 X 45 =
127	11 X 16 =
128	96 X 62 =
129	87 X 23 =
130	58 X 92 =
131	33 X 98 =
132	11 X 19 =
133	36 X 15 =
134	92 X 95 =
135	35 X 83 =
136	50 X 61 =
137	93 X 69 =
138	66 X 20 =
139	87 X 44 =
140	30 X 38 =
141	68 X 92 =
142	12 X 79 =
143	64 X 48 =
144	38 X 26 =
145	21 X 50 =
146	92 X 50 =
147	43 X 85 =
148	17 X 51 =
149	66 X 32 =
150	32 X 71 =

151	1636 ÷ 4 =
152	3235 ÷ 5 =
153	5358 ÷ 6 =
154	4644 ÷ 6 =
155	2145 ÷ 5 =
156	2045 ÷ 5 =
157	2568 ÷ 4 =
158	1332 ÷ 2 =
159	1410 ÷ 2 =
160	1320 ÷ 6 =
161	258 ÷ 2 =
162	1428 ÷ 6 =
163	5454 ÷ 9 =
164	1330 ÷ 5 =
165	1494 ÷ 2 =
166	2262 ÷ 6 =
167	1538 ÷ 2 =
168	5432 ÷ 7 =
169	1916 ÷ 4 =
170	2552 ÷ 8 =
171	2370 ÷ 5 =
172	2359 ÷ 7 =
173	2991 ÷ 3 =
174	1488 ÷ 2 =
175	3452 ÷ 4 =

176	4700 ÷ 94 =
177	3432 ÷ 39 =
178	2090 ÷ 38 =
179	6596 ÷ 97 =
180	6375 ÷ 85 =
181	546 ÷ 26 =
182	3956 ÷ 43 =
183	6624 ÷ 72 =
184	460 ÷ 10 =
185	3294 ÷ 54 =
186	1014 ÷ 13 =
187	380 ÷ 38 =
188	6888 ÷ 82 =
189	1246 ÷ 14 =
190	324 ÷ 18 =
191	1260 ÷ 35 =
192	1189 ÷ 41 =
193	4356 ÷ 44 =
194	2158 ÷ 26 =
195	1404 ÷ 26 =
196	1938 ÷ 57 =
197	7047 ÷ 81 =
198	3950 ÷ 79 =
199	220 ÷ 20 =
200	3108 ÷ 74 =