

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	9	9	4	8	18	72	8	7	61	92	56	7	23	6	67	8	94	3	3	8	6	2	57	61	71
2	7	2	68	-6	8	7	8	8	-3	91	45	-1	52	-4	49	74	-8	65	-2	6	95	-2	28	8	6
3	18	-5	8	82	67	2	-1	36	8	7	9	82	55	61	46	3	49	59	63	7	6	97	4	-4	46
4	59	33	5	-7	5	8	87	4	8	9	6	6	2	-63	2	35	-5	2	92	69	4	-3	3	7	7
5	1	-24	44	7	3	6	-53	61	-6	6	7	-39	7	4	2	8	7	18	-4	5	27	59	4	-2	3
6	9	61	2	68	64	64	1	3	68	7	5	26	8	-3	9	27	33	2	6	8	59	4	74	38	84
7	6	2	4	26	3	91	4	21	99	38	7	-5	5	23	1	8	4	2	-5	51	7	-3	8	1	2
8	24	-1	78	-4	8	2	-23	8	-5	1	77	6	9	3	2	2	-8	6	79	94	7	21	4	-78	5
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	93	90	41	19	69	47	40	51	49	77	88	28	38	43	21	31	73	78	88	79	45	40	56	84	81
2	65	-57	93	53	34	32	-22	23	-36	90	47	21	40	84	26	56	-61	71	39	97	87	92	52	-48	69
3	74	98	43	-31	53	84	47	37	79	28	23	-40	43	-47	24	17	81	82	-60	32	53	-22	34	27	32
4	86	-74	97	96	25	58	54	87	-25	71	82	94	86	95	28	85	58	95	54	55	57	77	78	-41	42
5	45	67	15	82	90	99	68	12	66	95	44	91	92	-87	85	25	-26	46	-52	45	90	-58	87	95	13
6	38	25	19	-47	37	11	-48	23	73	29	50	-46	71	40	63	65	18	13	24	11	75	98	38	69	94
7	57	65	29	66	56	31	18	46	85	72	60	67	19	27	56	44	-61	13	43	74	18	-26	43	-94	69
8	90	-44	64	-55	14	45	-11	54	-36	23	33	-92	69	-96	63	50	46	57	-43	61	43	20	85	99	69
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	60	49	12	15	47	35	81	79	62	81	57	46	61	64	68	71	27	39	54	16	51	47	98	16	50
2	89	19	12	66	66	77	77	82	-58	87	39	-12	56	37	57	64	-24	95	-29	87	96	-47	94	89	38
3	95	82	88	-20	42	93	-35	26	65	58	27	34	81	91	57	92	16	60	33	23	23	97	50	17	21
4	45	-81	60	35	74	88	73	79	32	54	11	87	38	32	39	91	66	47	30	50	28	-79	98	-37	21
5	18	10	78	44	89	12	86	31	-74	64	72	15	70	-29	55	66	-19	29	-10	53	24	45	68	15	83
6	17	-57	58	-93	93	32	-85	86	43	61	91	-79	11	96	47	17	45	49	82	38	19	23	55	76	87
7	32	50	56	68	62	50	55	94	64	26	56	18	21	-75	76	77	77	88	-54	92	32	10	38	-41	86
8	10	-49	34	-67	94	46	78	17	-95	58	21	51	15	71	35	83	73	50	83	98	62	-34	94	34	25
9	96	68	85	70	82	41	-69	82	78	86	49	-40	46	-53	18	90	-74	57	65	67	25	45	40	-22	34
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	33	52	71	92	67	81	50	46	96	40	69	82	30	35	91	28	27	65	54	97	16	70	48	54	10
2	77	28	37	-32	19	16	53	77	-61	24	74	33	63	17	20	86	92	91	84	36	17	-41	50	82	16
3	42	55	65	23	73	87	-57	11	95	93	59	97	84	-41	52	78	95	79	-47	57	89	50	26	61	49
4	52	-16	82	-27	56	14	92	57	-16	20	96	35	18	97	21	93	45	89	58	20	73	43	59	88	17
5	78	19	86	55	27	57	-40	57	20	52	23	-96	64	52	97	44	-93	65	52	70	53	-87	94	-16	62
6	71	-34	18	23	13	89	78	64	29	44	81	36	55	83	25	13	46	63	-92	58	63	85	79	35	74
7	52	69	69	73	42	65	17	14	93	69	93	-68	29	49	81	28	-65	86	41	99	43	13	92	-74	63
8	64	75	74	-12	54	48	37	94	-72	92	34	25	83	-14	88	77	33	53	49	42	51	-72	49	96	63
9	27	10	27	77	75	64	-33	10	91	43	23	-83	10	53	81	67	-98	60	-95	32	89	92	26	-55	41
10	23	-26	99	50	40	23	99	31	19	15	26	50	92	-43	82	38	58	83	29	14	73	91	52	28	70
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	6055 X 5 =
102	5612 X 9 =
103	5112 X 4 =
104	6250 X 7 =
105	8084 X 9 =
106	7041 X 2 =
107	5299 X 6 =
108	9126 X 3 =
109	7009 X 3 =
110	7513 X 5 =
111	8200 X 4 =
112	2333 X 3 =
113	1497 X 4 =
114	7454 X 6 =
115	4902 X 4 =
116	1281 X 7 =
117	5280 X 8 =
118	1738 X 3 =
119	1157 X 5 =
120	2278 X 5 =
121	3627 X 9 =
122	3650 X 7 =
123	9098 X 2 =
124	2144 X 3 =
125	3973 X 4 =

126	27 X 57 =
127	45 X 66 =
128	37 X 32 =
129	43 X 67 =
130	62 X 16 =
131	38 X 92 =
132	16 X 35 =
133	32 X 10 =
134	39 X 25 =
135	16 X 33 =
136	35 X 11 =
137	90 X 50 =
138	44 X 32 =
139	85 X 86 =
140	61 X 61 =
141	62 X 37 =
142	76 X 14 =
143	84 X 19 =
144	22 X 98 =
145	25 X 77 =
146	36 X 62 =
147	52 X 45 =
148	32 X 89 =
149	21 X 29 =
150	83 X 24 =

151	3894 ÷ 6 =
152	6488 ÷ 8 =
153	2811 ÷ 3 =
154	3068 ÷ 4 =
155	1676 ÷ 2 =
156	492 ÷ 4 =
157	2259 ÷ 3 =
158	5571 ÷ 9 =
159	822 ÷ 2 =
160	1448 ÷ 4 =
161	7456 ÷ 8 =
162	3000 ÷ 4 =
163	5496 ÷ 8 =
164	1113 ÷ 7 =
165	3297 ÷ 7 =
166	2052 ÷ 9 =
167	2106 ÷ 9 =
168	4990 ÷ 5 =
169	4752 ÷ 9 =
170	1776 ÷ 2 =
171	3528 ÷ 4 =
172	5940 ÷ 6 =
173	3396 ÷ 4 =
174	4986 ÷ 9 =
175	570 ÷ 2 =

176	2072 ÷ 74 =
177	1518 ÷ 46 =
178	1320 ÷ 22 =
179	8170 ÷ 95 =
180	6499 ÷ 67 =
181	506 ÷ 46 =
182	1722 ÷ 41 =
183	1326 ÷ 26 =
184	3888 ÷ 72 =
185	5460 ÷ 70 =
186	1888 ÷ 59 =
187	5880 ÷ 60 =
188	3604 ÷ 53 =
189	1500 ÷ 25 =
190	1800 ÷ 30 =
191	1640 ÷ 20 =
192	2232 ÷ 31 =
193	4176 ÷ 58 =
194	1927 ÷ 41 =
195	858 ÷ 78 =
196	6840 ÷ 90 =
197	972 ÷ 36 =
198	2016 ÷ 48 =
199	1344 ÷ 21 =
200	6880 ÷ 86 =