

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	83	26	2	4	41	17	95	5	1	2	1	21	53	11	9	23	1	39	3	7	62	9	97	5	73
2	78	6	7	93	7	7	93	49	62	45	92	-5	11	3	2	9	99	6	-2	94	1	36	15	55	7
3	66	-1	31	-5	8	55	-1	52	6	9	71	6	6	53	4	3	-9	7	22	75	54	76	8	-7	2
4	1	62	44	5	9	71	7	6	-1	86	1	-2	2	-5	1	62	4	9	19	4	3	-6	5	73	2
5	8	8	5	3	2	2	-6	9	8	5	9	6	7	3	8	4	81	59	-41	5	66	5	7	-5	96
6	4	-3	58	-2	82	5	62	6	-7	89	7	-6	35	-18	64	4	-3	4	9	2	5	-72	5	27	2
7	8	3	8	39	98	9	9	7	97	2	33	72	4	7	21	6	95	1	4	73	2	4	6	1	28
8	7	-56	8	-54	8	7	-5	99	-68	9	5	46	6	-8	29	67	-3	65	-2	3	5	-2	25	-1	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	22	55	17	83	20	57	82	58	50	57	76	80	41	99	47	69	96	53	38	19	17	92	69	98	62
2	37	-15	99	93	49	21	45	60	-19	95	54	-37	69	-32	23	30	-61	86	86	51	99	18	70	-54	13
3	91	76	13	-55	23	57	-82	96	66	53	30	17	58	31	99	32	69	51	23	32	94	76	58	83	12
4	97	-18	74	51	67	66	29	37	34	87	76	67	74	28	81	67	-61	71	-11	53	55	-93	24	69	23
5	66	60	67	29	28	61	-50	86	-69	49	98	-58	28	95	15	17	55	37	80	42	34	95	86	-45	91
6	80	52	76	-14	65	53	14	93	76	54	21	62	43	-56	28	24	-21	30	-36	75	57	-40	54	42	96
7	87	98	81	50	53	26	41	33	31	25	51	-90	87	39	18	23	69	16	59	63	36	25	20	-22	79
8	24	-20	76	-97	37	74	-44	57	-24	16	83	57	63	-58	92	24	77	95	-92	32	87	-44	59	32	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	32	29	43	32	21	61	59	46	15	89	95	85	36	26	24	85	68	74	99	19	28	24	80	78	71
2	26	16	31	46	85	66	-30	26	94	27	81	-50	85	18	93	22	-11	40	-54	14	28	70	53	-13	35
3	76	42	75	-47	32	18	35	91	23	95	38	94	98	-15	25	60	56	81	96	57	33	-54	22	74	72
4	53	92	90	46	82	71	-38	99	-91	54	10	-52	70	97	77	75	30	44	19	12	45	94	47	17	78
5	75	-26	71	-16	47	27	35	66	64	61	86	20	92	14	33	60	-69	94	69	93	79	14	57	92	83
6	51	10	87	15	71	35	-25	13	98	73	57	-90	27	-78	50	12	12	79	-98	52	33	80	30	12	41
7	15	-37	44	40	75	85	38	10	-20	91	14	17	53	49	51	91	-63	48	33	82	23	-19	32	-61	41
8	38	13	63	-32	55	67	92	93	92	46	38	87	71	-93	70	87	90	92	25	87	88	57	34	32	54
9	12	-24	82	94	22	99	69	51	-20	86	70	71	56	18	56	92	31	36	-86	72	25	-30	61	-52	78
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	72	98	30	55	39	27	89	10	82	89	87	14	28	90	24	34	62	57	96	89	86	54	34	53	40
2	10	60	74	43	97	75	-86	99	77	19	13	56	71	19	26	41	-20	43	66	87	93	13	24	-34	50
3	86	52	32	-45	90	19	94	89	95	35	73	-30	56	94	71	80	73	13	-96	76	88	99	27	50	70
4	42	-14	19	67	98	27	67	85	30	48	16	53	23	-72	45	29	83	26	43	40	95	58	49	74	58
5	47	79	91	-47	85	72	88	59	-97	48	19	54	16	64	85	66	58	34	-68	84	75	-23	41	-25	74
6	52	91	38	31	87	66	64	47	49	84	13	37	36	59	24	47	20	67	27	70	34	30	67	93	61
7	82	61	87	37	25	53	-79	81	69	41	83	-82	37	-20	94	49	-41	14	-62	65	22	-26	90	55	83
8	77	-57	36	-69	53	20	22	91	-99	86	74	23	31	90	41	87	24	95	82	10	53	97	30	69	82
9	73	27	49	46	52	10	60	31	25	67	53	58	75	-16	15	20	-88	79	75	18	37	15	60	-25	21
10	48	-35	67	48	71	67	-26	89	-62	16	29	-31	86	22	54	93	35	92	21	33	31	-20	58	71	97
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	2058 X 6 =
102	3995 X 3 =
103	7022 X 7 =
104	5595 X 2 =
105	1571 X 4 =
106	3674 X 6 =
107	9467 X 7 =
108	3929 X 8 =
109	6662 X 5 =
110	3962 X 2 =
111	2356 X 4 =
112	9600 X 5 =
113	3616 X 7 =
114	8062 X 6 =
115	6184 X 7 =
116	5199 X 5 =
117	9414 X 2 =
118	1857 X 7 =
119	3285 X 6 =
120	1780 X 9 =
121	6154 X 5 =
122	6969 X 2 =
123	2401 X 2 =
124	6453 X 8 =
125	3594 X 4 =

126	96 X 61 =
127	91 X 72 =
128	58 X 50 =
129	41 X 38 =
130	18 X 75 =
131	92 X 80 =
132	15 X 55 =
133	24 X 37 =
134	78 X 55 =
135	95 X 80 =
136	72 X 30 =
137	59 X 19 =
138	13 X 92 =
139	35 X 14 =
140	50 X 88 =
141	95 X 21 =
142	50 X 36 =
143	19 X 76 =
144	60 X 71 =
145	32 X 34 =
146	82 X 57 =
147	17 X 55 =
148	88 X 50 =
149	63 X 82 =
150	51 X 30 =

151	804 ÷ 2 =
152	946 ÷ 2 =
153	802 ÷ 2 =
154	1385 ÷ 5 =
155	5368 ÷ 8 =
156	3540 ÷ 6 =
157	1364 ÷ 2 =
158	2664 ÷ 4 =
159	594 ÷ 3 =
160	3848 ÷ 8 =
161	2478 ÷ 7 =
162	3784 ÷ 4 =
163	888 ÷ 8 =
164	1158 ÷ 2 =
165	4614 ÷ 6 =
166	1370 ÷ 5 =
167	3376 ÷ 4 =
168	3352 ÷ 4 =
169	1020 ÷ 2 =
170	2384 ÷ 4 =
171	2105 ÷ 5 =
172	465 ÷ 3 =
173	2936 ÷ 4 =
174	2480 ÷ 8 =
175	1488 ÷ 3 =

176	3402 ÷ 42 =
177	980 ÷ 10 =
178	1275 ÷ 51 =
179	1849 ÷ 43 =
180	567 ÷ 21 =
181	1014 ÷ 26 =
182	3575 ÷ 55 =
183	696 ÷ 12 =
184	6392 ÷ 94 =
185	7656 ÷ 88 =
186	2760 ÷ 46 =
187	110 ÷ 10 =
188	690 ÷ 15 =
189	3256 ÷ 88 =
190	2937 ÷ 89 =
191	1122 ÷ 51 =
192	5320 ÷ 56 =
193	1547 ÷ 17 =
194	5782 ÷ 98 =
195	4770 ÷ 53 =
196	1608 ÷ 67 =
197	637 ÷ 13 =
198	1328 ÷ 83 =
199	1008 ÷ 12 =
200	3078 ÷ 38 =