

MENTAL



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

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

Time Limit : 8 / 200 Q

GROUP F1, F2, F3	TOTAL MARKS		Paper corrector Sign
		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	5	7	1	9	9	4	7	2	5	8	8	5	9	2	8	3	7	2	6	1	3	7	3	8	4
2	3	9	4	-2	3	2	8	1	-4	9	6	-4	7	8	4	9	-3	1	2	9	6	-6	2	-5	6
3	7	-5	6	2	7	9	-2	7	9	5	7	4	9	2	2	2	1	1	5	6	1	9	5	7	2
4	4	7	7	4	7	8	7	7	2	3	4	4	1	-4	4	1	8	8	-6	1	8	-7	3	-1	3
5	8	-8	8	9	6	8	-3	6	-2	4	9	-3	4	5	5	8	-2	3	3	4	3	8	7	4	7
6	8	9	1	-6	1	1	9	1	5	3	4	2	4	-8	1	8	9	6	-6	6	3	1	8	8	7
7	3	9	6	8	5	5	-5	5	-5	8	2	-3	2	1	7	3	2	5	6	5	8	6	4	5	1
8	4	-9	1	-1	6	5	1	6	5	2	9	3	6	-2	1	8	-2	1	-2	5	7	-3	7	-5	2
9	6	4	7	9	8	7	-8	7	-6	4	7	9	6	9	4	6	7	2	1	9	4	2	9	7	5
10	3	-3	1	-1	8	4	2	5	9	7	9	-6	4	-3	9	5	-5	2	-1	9	8	-3	7	-6	1
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	98	51	42	88	99	11	55	24	97	12	88	56	72	78	68	32	25	81	58	79	55	48	71	82	71
2	13	82	36	76	35	75	43	61	24	32	50	39	43	-12	35	38	59	68	-50	62	98	-13	97	-12	14
3	63	-32	18	91	97	77	-36	54	95	76	77	85	54	55	59	96	-60	52	79	94	29	61	52	97	55
4	96	47	64	-56	52	25	68	69	-75	81	49	-90	83	25	87	97	35	80	38	88	69	36	10	-71	72
5	25	-68	34	11	80	62	25	17	49	29	60	66	31	15	57	75	-38	67	-25	81	39	83	77	66	91
6	37	23	84	-53	22	75	-15	96	-87	69	78	-71	47	-18	95	15	38	21	39	87	14	-22	30	55	62
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													96	61	82	53	21	13	86	16	96	30	88	46	34
2	11	93	61	52	17	34	71	98	87	67	39	63	60	-10	28	19	49	70	50	85	12	77	12	-20	91
3	25	61	66	-26	39	15	70	78	-29	87	47	29	53	77	29	31	-34	11	-99	70	59	-98	96	16	14
4	37	49	43	44	87	25	-83	62	48	39	43	63	51	64	55	98	19	75	95	32	52	78	19	16	52
5	16	-49	39	74	40	43	98	68	-94	54	79	-66	57	-24	90	80	63	14	32	90	21	-26	33	96	89
6	53	82	17	24	81	43	-93	98	21	51	93	30	79	86	49	97	-47	66	-16	82	17	16	73	-41	11
7	57	-99	43	-95	29	95	23	77	81	61	79	-76	42	-69	38	62	53	46	91	81	96	72	62	90	22
8	37	37	50	86	33	26	98	90	83	95	12	10	62	74	16	43	-36	93	-25	19	81	-95	52	-39	25
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													48	66	35	49	57	67	48	58	44	18	33	79	58
2	91	39	92	99	42	27	38	20	15	61	58	89	18	56	15	96	91	68	13	76	53	74	44	67	83
3	81	85	69	29	87	31	74	97	84	92	88	30	12	-56	29	30	-92	50	-59	64	14	18	73	28	16
4	59	-59	37	47	33	64	-83	90	-49	25	81	67	68	51	53	89	24	97	26	11	95	-45	20	24	94
5	23	39	51	-48	62	76	79	45	12	32	54	-33	92	95	98	76	-54	43	-27	48	90	61	48	-78	64
6	29	-33	73	99	51	57	57	11	49	45	53	35	45	-12	35	24	46	30	25	33	88	-56	82	35	35
7	20	93	98	-24	97	80	22	97	45	13	91	-34	23	85	87	67	45	66	28	76	45	30	92	-68	90
8	10	92	56	11	11	69	-69	19	-89	37	45	15	50	23	91	91	-98	95	-41	79	69	68	37	96	11
9	76	65	57	57	37	81	26	44	58	64	94	64	30	-21	90	26	61	18	62	97	83	21	67	28	94
10	81	-48	68	-30	64	14	-79	56	-70	35	72	-67	63	91	29	62	92	34	65	48	25	-23	20	-65	80
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
F1, F2, F3	300	Data Entry Sign

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

101	666	X	9	=	
102	540	X	6	=	
103	370	X	2	=	
104	116	X	2	=	
105	739	X	8	=	
106	209	X	4	=	
107	205	X	9	=	
108	510	X	9	=	
109	335	X	5	=	
110	985	X	3	=	
111	737	X	7	=	
112	992	X	5	=	
113	584	X	2	=	
114	218	X	4	=	
115	779	X	5	=	
116	789	X	3	=	
117	429	X	4	=	
118	303	X	5	=	
119	299	X	4	=	
120	751	X	5	=	
121	161	X	5	=	
122	874	X	9	=	
123	661	X	7	=	
124	569	X	8	=	
125	732	X	4	=	

126	8	X	475	=	
127	7	X	528	=	
128	4	X	112	=	
129	6	X	501	=	
130	9	X	485	=	
131	3	X	416	=	
132	3	X	161	=	
133	2	X	652	=	
134	5	X	852	=	
135	3	X	182	=	
136	3	X	261	=	
137	3	X	479	=	
138	8	X	255	=	
139	6	X	826	=	
140	8	X	790	=	
141	3	X	970	=	
142	9	X	520	=	
143	4	X	893	=	
144	7	X	318	=	
145	6	X	359	=	
146	2	X	125	=	
147	6	X	561	=	
148	7	X	829	=	
149	5	X	951	=	
150	7	X	841	=	

151	162	÷	2	=	
152	300	÷	5	=	
153	588	÷	7	=	
154	104	÷	2	=	
155	704	÷	8	=	
156	448	÷	8	=	
157	300	÷	4	=	
158	90	÷	5	=	
159	132	÷	3	=	
160	294	÷	3	=	
161	225	÷	9	=	
162	189	÷	3	=	
163	265	÷	5	=	
164	208	÷	4	=	
165	30	÷	2	=	
166	462	÷	7	=	
167	210	÷	5	=	
168	584	÷	8	=	
169	60	÷	2	=	
170	495	÷	9	=	
171	288	÷	8	=	
172	216	÷	6	=	
173	222	÷	6	=	
174	268	÷	4	=	
175	512	÷	8	=	

176	3752	÷	4	=	
177	7736	÷	8	=	
178	1659	÷	3	=	
179	405	÷	3	=	
180	1062	÷	3	=	
181	504	÷	2	=	
182	1414	÷	7	=	
183	862	÷	2	=	
184	1622	÷	2	=	
185	276	÷	2	=	
186	4430	÷	5	=	
187	1864	÷	2	=	
188	576	÷	2	=	
189	896	÷	7	=	
190	1288	÷	4	=	
191	6975	÷	9	=	
192	4718	÷	7	=	
193	1150	÷	2	=	
194	945	÷	9	=	
195	618	÷	2	=	
196	1985	÷	5	=	
197	1246	÷	2	=	
198	2673	÷	9	=	
199	855	÷	3	=	
200	1498	÷	7	=	