

MENTAL

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



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

Time Limit : 8 / 200 Q

GROUP	TOTAL MARKS		Paper corrector Sign
H1, H2, H3		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	90	95	97	21	50	78	64	22	69	69	85	83	13	99	19	66	63	41	46	25	65	76	46	69	69
2	56	-87	78	-10	23	84	-20	27	40	82	20	55	72	13	64	54	-21	16	36	33	52	-32	31	-46	54
3	18	20	75	19	97	13	30	10	-72	60	27	-59	53	-72	58	66	57	82	69	78	62	31	75	81	82
4	26	85	56	39	23	85	66	13	89	43	24	33	83	84	19	97	80	24	-93	64	22	89	25	94	50
5	86	88	16	-17	38	11	25	32	-30	63	88	-10	89	82	28	88	-37	92	77	93	13	-59	32	12	98
6	75	-21	83	72	68	97	-49	63	42	25	41	81	89	-66	72	83	79	85	-44	67	19	52	32	-90	45
7	48	54	77	-65	40	16	43	80	72	24	80	-36	99	22	36	77	-56	47	40	87	33	95	37	86	83
8	62	-52	22	40	67	65	-18	97	-90	79	83	47	37	-16	93	65	33	83	-42	79	70	-96	90	-55	56
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	57	63	91	39	33	36	80	62	49	49	81	83	55	94	27	11	92	98	80	85	29	94	69	32	92
2	90	17	35	47	39	62	87	99	-47	51	57	20	43	68	64	93	23	33	70	10	58	-73	40	66	33
3	16	-49	85	45	93	34	-47	35	17	87	40	-87	26	-76	30	95	69	41	-83	98	53	24	85	-96	81
4	92	65	38	48	51	78	14	11	98	97	16	92	73	54	51	82	-24	14	19	40	22	-27	53	79	25
5	73	37	89	-39	86	10	23	48	-59	65	85	38	73	12	44	90	58	97	-58	39	16	87	12	41	13
6	13	74	90	80	90	85	10	99	31	90	43	-20	74	-30	95	40	-96	39	16	41	34	-78	21	-31	62
7	82	-54	70	-49	59	58	-51	87	46	89	24	69	63	71	70	86	50	43	93	78	62	81	10	62	94
8	48	83	16	17	89	16	71	79	-95	22	80	-43	46	-88	95	99	-45	59	-26	85	21	23	60	-71	61
9	30	-84	19	-32	94	14	-28	96	21	68	44	64	12	65	74	94	35	17	40	61	58	65	39	52	60
Ans																									

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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	2.08	5.38	2.50	9.87	3.96	9.90	8.87	8.31	8.63	4.33	5.52	7.90	7.52	1.87	9.12	1.82	4.96	9.26	6.35	7.65	2.51	8.88	4.27	9.02	6.97
2	.97	-.12	.22	-.59	.29	.15	-.32	.34	-.79	.74	.15	-.98	.90	-.36	.20	.29	-.38	.16	-.44	.98	.96	-.79	.51	-.61	.14
3	7.40	6.57	7.23	9.24	2.02	6.73	4.32	9.12	8.94	1.36	6.32	7.98	1.02	8.35	5.10	2.73	7.91	5.52	4.21	5.55	2.12	4.98	7.68	4.31	8.83
4	.14	-.45	.61	-.41	.26	.74	-.28	.71	-.41	.24	.38	-.79	.35	-.19	.50	.90	-.65	.74	-.41	.87	.51	-.60	.21	-.24	.93
5	1.50	9.14	4.95	4.39	4.58	6.04	3.90	2.88	2.57	9.83	4.88	6.08	3.69	1.67	6.25	8.61	2.45	9.85	8.06	9.83	6.62	3.21	5.10	2.21	8.87
6	.93	.60	.77	.55	.49	.53	.58	.28	.95	.69	.70	.12	.65	.41	.35	.11	.28	.22	.69	.32	.60	.79	.53	.39	.65
7	8.50	9.23	8.44	8.91	4.90	3.47	9.04	9.42	2.20	2.08	8.80	6.11	7.53	9.21	6.06	8.83	2.61	7.53	3.05	9.72	6.85	4.28	1.32	8.76	8.24
8	.99	-.16	.56	-.25	.59	.48	-.79	.33	-.55	.47	.52	-.87	.67	-.32	.58	.91	-.42	.97	-.89	.92	.21	-.34	.48	-.63	.49
9	5.64	-4.63	8.59	-1.11	6.15	8.08	-5.23	7.17	-3.57	9.60	2.96	-2.75	8.65	-6.31	4.00	9.20	-2.80	7.05	-1.32	7.39	2.12	-8.95	3.18	-4.15	6.52
10	.87	.71	.20	.58	.40	.94	.83	.45	.28	.75	.75	.77	.36	.27	.29	.76	.51	.93	.69	.64	.80	.76	.33	.47	.81
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	5.76	9.49	6.00	8.10	9.66	1.30	2.56	5.21	4.42	6.03	3.59	9.76	2.56	4.63	8.96	9.28	3.70	3.67	9.84	8.02	5.33	9.46	4.94	4.21	4.58
2	9.99	-5.16	3.23	-4.20	3.77	9.10	-1.11	5.07	-2.99	4.41	3.80	-4.50	1.47	-3.79	7.32	1.84	-3.51	5.29	-6.77	1.45	9.47	-1.18	5.78	-3.54	1.17
3	9.36	2.55	7.79	1.69	2.08	5.32	7.62	1.09	1.00	5.55	7.02	4.67	7.17	4.42	3.30	4.68	7.17	8.54	4.95	4.31	5.67	3.62	3.75	4.10	6.52
4	3.75	4.86	4.80	4.06	6.19	4.55	3.57	9.93	7.20	1.51	7.72	5.40	6.95	3.17	7.92	8.97	2.13	5.44	2.41	2.92	8.65	4.42	1.02	6.14	2.29
5	2.02	-9.40	1.45	-2.81	2.92	2.13	-2.49	5.67	-7.66	5.93	7.69	-1.19	1.38	-2.17	2.33	4.35	-7.85	1.00	-4.24	7.42	8.68	-1.81	3.61	-8.58	6.02
6	6.14	3.52	7.40	8.67	2.94	2.72	8.79	2.86	7.06	8.44	1.06	5.86	2.50	9.87	9.45	6.44	2.55	9.97	6.53	8.11	3.61	9.75	9.84	6.53	5.43
7	5.40	6.41	7.98	6.74	6.89	2.39	9.38	3.50	3.69	2.58	6.82	3.90	4.87	1.33	7.53	5.71	4.86	6.78	4.99	7.91	3.91	5.32	2.62	3.04	6.32
8	1.43	-7.72	4.39	-7.77	4.97	9.72	-7.12	8.61	-1.76	3.30	8.84	-9.03	4.77	-5.16	1.65	8.75	-8.89	3.09	-6.59	4.64	2.17	-9.36	9.57	-5.82	3.44
9	8.86	4.77	4.40	9.40	5.14	8.67	3.60	3.08	9.34	6.11	5.07	6.53	1.49	2.24	4.14	7.74	8.35	6.13	8.04	3.02	2.62	4.15	9.77	4.24	3.11
10	6.15	-7.82	4.59	-1.00	2.85	9.21	-8.50	5.44	-3.20	2.49	8.92	-6.27	5.75	-2.75	3.28	8.32	-3.99	2.50	-2.34	3.33	1.55	-7.50	6.23	-1.67	5.72
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
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101	5128	X	2	=	
102	8378	X	9	=	
103	3074	X	4	=	
104	6848	X	4	=	
105	5784	X	7	=	
106	1561	X	8	=	
107	6689	X	9	=	
108	1256	X	7	=	
109	9091	X	6	=	
110	8429	X	8	=	
111	6746	X	8	=	
112	7427	X	3	=	
113	4507	X	5	=	
114	9605	X	3	=	
115	1633	X	7	=	
116	4608	X	3	=	
117	6405	X	2	=	
118	2782	X	6	=	
119	2583	X	9	=	
120	5587	X	3	=	
121	7953	X	4	=	
122	3257	X	6	=	
123	9483	X	2	=	
124	4811	X	3	=	
125	8050	X	6	=	

126	406	X	11	=	
127	453	X	51	=	
128	244	X	58	=	
129	442	X	64	=	
130	848	X	77	=	
131	894	X	77	=	
132	320	X	46	=	
133	953	X	76	=	
134	794	X	89	=	
135	837	X	46	=	
136	757	X	62	=	
137	350	X	21	=	
138	844	X	88	=	
139	385	X	38	=	
140	371	X	66	=	
141	606	X	18	=	
142	764	X	99	=	
143	418	X	16	=	
144	315	X	33	=	
145	309	X	57	=	
146	678	X	10	=	
147	210	X	16	=	
148	385	X	85	=	
149	824	X	89	=	
150	538	X	70	=	

151	7480	÷	88	=	
152	3577	÷	73	=	
153	3150	÷	63	=	
154	6480	÷	72	=	
155	1664	÷	26	=	
156	4732	÷	91	=	
157	5852	÷	77	=	
158	650	÷	25	=	
159	4116	÷	42	=	
160	1943	÷	67	=	
161	936	÷	26	=	
162	2080	÷	26	=	
163	1014	÷	78	=	
164	3922	÷	74	=	
165	4235	÷	77	=	
166	336	÷	14	=	
167	2660	÷	38	=	
168	289	÷	17	=	
169	2156	÷	49	=	
170	4361	÷	49	=	
171	1152	÷	48	=	
172	608	÷	16	=	
173	5220	÷	87	=	
174	2847	÷	39	=	
175	440	÷	40	=	

176	954	÷	18	=	
177	5451	÷	79	=	
178	6048	÷	96	=	
179	3526	÷	43	=	
180	1288	÷	14	=	
181	1240	÷	40	=	
182	2976	÷	93	=	
183	2183	÷	59	=	
184	8330	÷	85	=	
185	1482	÷	78	=	
186	4134	÷	78	=	
187	1274	÷	26	=	
188	1178	÷	19	=	
189	132	÷	12	=	
190	2397	÷	51	=	
191	630	÷	42	=	
192	3854	÷	94	=	
193	5600	÷	70	=	
194	1679	÷	23	=	
195	5100	÷	60	=	
196	4307	÷	59	=	
197	897	÷	13	=	
198	3960	÷	44	=	
199	5712	÷	68	=	
200	1400	÷	20	=	