

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	71	64	64	75	68	35	90	21	59	95	18	89	69	70	98	63	78	88	38	46	46	63	56	78	53
2	29	-21	56	-42	13	71	19	56	15	23	53	-81	94	92	27	80	53	81	57	37	33	-18	90	-73	59
3	26	79	19	64	18	37	-30	50	-19	77	23	69	22	-58	70	56	-12	75	-24	79	52	78	84	75	67
4	12	25	63	91	49	46	99	55	69	56	16	74	66	37	39	16	24	51	66	77	76	-53	35	77	48
5	95	19	84	-63	42	90	95	24	-63	98	26	-37	41	-12	77	17	69	63	-64	92	68	59	88	39	18
6	72	-45	67	73	43	99	-32	47	95	10	28	25	36	98	30	25	-96	47	26	64	54	37	23	-87	47
7	22	10	64	99	94	23	17	98	62	66	31	85	16	31	77	13	40	76	86	67	18	-24	46	91	18
8	32	-67	75	-72	68	73	-84	58	-13	87	35	-50	18	-80	76	78	-35	18	-87	28	14	52	82	-56	20
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	78	93	29	87	60	88	52	59	53	50	79	24	91	87	13	48	91	65	71	85	49	64	93	77
2	79	42	26	26	84	41	-16	86	-28	27	85	-66	37	51	20	71	17	47	-45	32	61	74	16	95	40
3	40	75	88	64	54	30	24	89	25	77	39	81	83	25	20	32	50	31	15	29	99	83	59	-56	80
4	90	86	18	-60	97	57	95	53	-26	79	23	-79	21	-64	54	28	-18	41	32	10	16	-41	72	58	55
5	95	-81	53	51	63	75	90	98	39	62	31	40	62	58	24	80	87	23	58	56	32	29	94	-33	23
6	35	30	44	25	29	11	-90	33	57	68	93	44	34	-28	94	46	-63	57	-78	54	20	-53	85	92	95
7	70	-65	90	-76	81	95	37	11	-52	50	95	58	47	29	77	51	78	59	81	46	28	57	28	92	78
8	58	13	46	19	94	44	96	26	70	78	79	90	11	82	64	80	-88	74	83	88	18	-57	13	76	46
9	41	-92	75	-35	34	37	-77	80	94	64	18	-36	14	-21	22	78	65	50	-79	85	47	14	28	-81	27
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	3.15	4.31	3.93	5.11	6.32	3.72	3.81	3.61	2.49	8.87	2.82	8.69	3.67	8.29	3.17	1.11	8.42	3.61	8.38	2.69	4.01	3.09	5.04	4.68	9.71
2	.60	-.57	.74	-.91	.76	.14	-.72	.45	-.98	.81	.16	-.23	.84	-.59	.10	.38	-.14	.33	-.32	.35	.28	-.59	.67	-.37	.88
3	1.03	2.05	6.96	9.31	5.72	3.50	6.55	3.07	6.63	4.71	2.13	4.39	2.06	3.01	9.50	7.37	7.95	4.24	9.75	1.23	1.00	9.15	7.68	7.24	1.61
4	.46	-.85	.93	-.97	.48	.86	-.16	.52	-.42	.19	.48	-.60	.59	-.28	.89	.84	-.40	.74	-.27	.90	.38	-.63	.86	-.54	.72
5	2.54	1.67	5.46	9.19	1.68	3.74	8.18	9.15	4.00	3.96	8.42	8.02	5.92	2.59	4.85	9.90	6.81	7.10	1.66	5.05	4.98	2.68	9.94	6.17	3.96
6	.45	.40	.68	.58	.54	.64	.36	.83	.39	.93	.70	.52	.21	.72	.67	.67	.23	.91	.76	.98	.34	.64	.19	.60	.37
7	8.35	1.86	7.73	3.69	8.78	2.65	9.27	4.61	3.65	8.09	2.27	3.70	3.98	3.99	6.94	2.57	1.49	3.70	1.30	7.93	9.28	2.99	3.63	9.14	5.00
8	.28	-.87	.28	-.35	.83	.71	-.23	.89	-.54	.93	.21	-.35	.85	-.59	.15	.35	-.12	.62	-.74	.51	.56	-.49	.64	-.23	.77
9	3.65	-4.49	3.69	-9.53	9.33	4.80	-8.68	2.15	-7.89	3.36	7.59	-4.84	2.16	-4.76	2.70	3.63	-2.81	3.17	-6.58	6.86	3.07	-6.27	7.80	-9.98	8.69
10	.73	.56	.61	.82	.21	.70	.55	.99	.81	.25	.26	.47	.34	.50	.77	.95	.84	.94	.97	.99	.10	.95	.98	.43	.92
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	7.25	5.12	2.42	7.04	8.09	5.08	8.25	5.52	6.46	1.13	9.64	3.82	4.43	9.33	8.53	6.32	1.34	3.96	7.70	2.18	1.84	8.12	4.46	8.97	8.78
2	2.16	-3.22	5.70	-1.49	2.91	5.42	-5.02	3.70	-3.44	8.35	6.90	-2.73	2.38	-6.42	7.78	9.79	-1.02	8.09	-3.62	2.39	8.47	-1.58	5.51	-7.47	6.34
3	6.90	9.05	1.10	5.55	1.63	2.95	3.27	7.09	8.57	7.48	3.13	2.29	4.06	6.53	8.43	3.27	9.01	6.57	5.93	9.52	5.98	3.19	4.06	8.58	4.03
4	8.02	8.56	5.34	8.09	3.64	5.17	8.53	2.59	6.72	1.19	2.59	9.66	5.10	2.31	6.17	3.89	8.43	2.69	1.20	7.06	1.16	6.80	9.54	1.35	5.55
5	7.62	-5.77	2.69	-7.53	7.02	6.77	-5.65	9.72	-2.63	3.41	3.19	-2.59	5.67	-8.05	2.05	8.80	-4.67	3.12	-1.46	2.12	4.71	-8.32	7.12	-4.91	3.18
6	6.10	3.92	9.11	5.47	1.83	8.18	8.78	2.39	4.95	5.60	6.21	5.17	8.04	4.25	1.57	6.94	9.39	1.18	1.44	1.55	8.18	6.59	9.96	3.03	9.92
7	9.25	1.26	7.41	6.52	1.97	9.46	6.36	6.37	9.24	5.70	4.62	1.05	6.14	6.35	7.21	9.35	3.06	3.89	5.44	8.40	2.14	9.49	9.66	1.95	8.32
8	5.72	-6.26	2.08	-4.65	4.53	6.49	-3.40	2.91	-9.35	2.83	2.13	-6.45	6.84	-7.09	8.62	4.30	-7.04	2.30	-8.04	5.60	2.09	-7.11	1.11	-2.33	3.92
9	2.46	1.91	3.80	3.63	9.83	5.52	1.89	7.51	9.99	2.83	3.78	8.31	5.69	1.20	9.61	7.86	5.79	4.83	3.20	5.20	8.89	5.98	9.56	6.94	3.62
10	5.98	-4.95	7.10	-8.02	6.17	5.99	-7.75	6.01	-2.33	5.54	9.02	-1.94	3.46	-4.60	8.42	2.12	-8.40	5.63	-3.76	7.48	3.99	-2.15	1.48	-2.31	6.19
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
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101	4238	X	7	=	
102	6505	X	3	=	
103	3025	X	6	=	
104	2645	X	9	=	
105	8447	X	7	=	
106	4739	X	6	=	
107	4596	X	8	=	
108	3881	X	3	=	
109	5877	X	6	=	
110	9453	X	9	=	
111	6738	X	8	=	
112	9886	X	7	=	
113	9566	X	4	=	
114	6846	X	4	=	
115	3826	X	3	=	
116	6474	X	7	=	
117	1363	X	8	=	
118	5977	X	7	=	
119	8758	X	7	=	
120	7561	X	4	=	
121	8478	X	2	=	
122	1329	X	8	=	
123	5183	X	6	=	
124	3118	X	5	=	
125	2603	X	9	=	

126	748	X	11	=	
127	476	X	69	=	
128	454	X	14	=	
129	900	X	43	=	
130	928	X	66	=	
131	292	X	26	=	
132	237	X	41	=	
133	438	X	64	=	
134	556	X	32	=	
135	661	X	63	=	
136	631	X	71	=	
137	915	X	51	=	
138	173	X	41	=	
139	684	X	97	=	
140	898	X	90	=	
141	563	X	30	=	
142	884	X	56	=	
143	951	X	66	=	
144	309	X	38	=	
145	354	X	91	=	
146	169	X	56	=	
147	640	X	94	=	
148	320	X	85	=	
149	749	X	71	=	
150	213	X	69	=	

151	2760	÷	30	=	
152	726	÷	11	=	
153	1176	÷	12	=	
154	348	÷	12	=	
155	2028	÷	52	=	
156	4410	÷	49	=	
157	480	÷	32	=	
158	336	÷	24	=	
159	2352	÷	42	=	
160	2806	÷	46	=	
161	6882	÷	93	=	
162	858	÷	33	=	
163	4224	÷	96	=	
164	4824	÷	72	=	
165	1344	÷	96	=	
166	2925	÷	39	=	
167	3330	÷	37	=	
168	1330	÷	70	=	
169	414	÷	18	=	
170	2332	÷	53	=	
171	1280	÷	80	=	
172	2184	÷	24	=	
173	1342	÷	61	=	
174	1917	÷	27	=	
175	6138	÷	99	=	

176	1674	÷	54	=	
177	3355	÷	55	=	
178	3588	÷	78	=	
179	1760	÷	20	=	
180	5605	÷	59	=	
181	3552	÷	74	=	
182	663	÷	51	=	
183	2898	÷	42	=	
184	480	÷	12	=	
185	2280	÷	95	=	
186	1156	÷	68	=	
187	6364	÷	74	=	
188	1403	÷	23	=	
189	2145	÷	55	=	
190	1632	÷	17	=	
191	368	÷	16	=	
192	5148	÷	66	=	
193	1909	÷	83	=	
194	1950	÷	25	=	
195	1734	÷	34	=	
196	2244	÷	66	=	
197	3552	÷	96	=	
198	979	÷	89	=	
199	2254	÷	23	=	
200	441	÷	21	=	