

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	15	38	82	23	31	19	88	97	74	21	78	57	64	69	80	14	98	74	42	64	76	94	57	67	34
2	51	49	19	-15	57	99	-78	86	-25	57	93	-43	13	-38	52	46	-73	26	91	29	60	80	36	-29	93
3	47	72	17	99	37	86	80	80	17	22	55	43	12	39	27	58	87	63	-49	92	61	-69	14	69	73
4	11	-38	53	21	71	70	-78	74	29	87	75	-48	23	59	58	74	-60	44	99	67	75	73	37	95	16
5	13	71	51	20	37	29	24	46	-18	34	67	13	72	-62	18	94	48	67	-76	67	65	-74	86	-66	17
6	94	-59	51	-50	43	96	69	84	87	73	89	-15	79	11	24	72	66	90	52	18	18	64	54	72	20
7	96	98	42	35	84	33	10	29	88	17	23	87	17	-17	52	14	59	31	84	59	70	87	24	22	56
8	72	-81	88	-25	29	79	-69	55	-58	83	54	60	55	13	89	39	-45	35	-78	24	70	-36	15	-16	80
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	74	53	71	42	76	34	46	68	81	42	74	54	34	74	11	21	79	72	23	16	24	68	75	67
2	67	-59	54	45	50	51	53	33	39	72	38	85	67	45	35	41	-10	28	69	77	59	98	17	-75	57
3	17	64	97	40	83	52	-73	17	70	21	50	-27	52	12	57	63	31	67	88	18	20	87	64	22	11
4	18	50	75	-97	57	21	24	27	-67	71	79	22	40	76	22	78	25	81	-57	86	17	42	74	38	30
5	56	82	80	63	95	64	41	10	22	84	61	-74	14	-73	77	56	87	90	68	70	18	-89	84	57	98
6	65	25	87	-37	26	54	-36	36	-21	62	11	49	63	78	31	68	-13	19	-28	62	58	94	83	89	36
7	20	-28	42	90	52	77	47	77	68	73	57	-88	88	-28	75	53	73	38	32	64	25	-86	89	-32	68
8	42	47	37	-66	39	47	91	22	83	42	21	91	54	71	60	96	39	86	-69	50	17	14	80	54	89
9	82	-85	20	93	52	64	-77	65	-60	79	90	32	74	-75	69	62	-11	74	79	66	90	-17	29	-74	70
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	7.12	7.50	3.23	3.83	5.65	2.14	8.67	1.25	4.45	7.49	4.88	3.83	4.04	2.21	6.37	7.15	7.24	2.93	8.46	7.96	8.75	9.82	8.37	4.51	1.31
2	.63	-.54	.92	-.85	.24	.48	-.49	.80	-.60	.48	.67	-.89	.33	-.82	.19	.75	-.54	.36	-.73	.94	.98	-.73	.59	-.33	.21
3	3.09	3.70	1.47	3.32	1.46	8.13	3.42	9.39	6.28	2.97	6.16	5.48	6.44	9.33	1.42	8.92	7.35	1.46	2.11	5.81	1.63	4.75	9.12	8.04	4.00
4	.42	-.51	.90	-.51	.18	.85	-.73	.71	-.10	.16	.79	-.21	.49	-.17	.56	.12	-.46	.75	-.48	.92	.68	-.59	.91	-.32	.49
5	3.98	4.66	6.12	2.21	3.69	5.31	5.58	5.85	7.52	1.01	2.09	5.48	7.70	3.39	2.80	4.97	8.28	1.29	8.03	9.49	7.75	6.29	6.68	4.94	5.00
6	.14	.74	.20	.27	.43	.69	.94	.64	.38	.28	.47	.58	.17	.25	.16	.62	.81	.59	.20	.35	.64	.64	.49	.11	.24
7	9.11	1.13	2.97	1.10	9.93	5.04	6.35	6.86	3.40	3.47	9.79	2.29	2.88	8.44	1.62	2.63	2.40	4.92	3.74	2.40	6.07	8.58	5.31	1.47	7.56
8	.55	-.42	.42	-.11	.81	.11	-.52	.29	-.49	.96	.67	-.62	.62	-.71	.93	.79	-.38	.47	-.84	.35	.38	-.29	.68	-.15	.16
9	6.86	-8.51	5.89	-3.96	8.59	7.78	-3.31	1.94	-3.82	4.21	5.81	-2.87	7.18	-8.64	7.88	5.33	-5.57	7.38	-9.92	4.75	6.42	-9.98	3.09	-4.89	3.85
10	.11	.38	.41	.42	.10	.70	.85	.67	.29	.30	.44	.49	.45	.62	.28	.85	.64	.61	.54	.47	.81	.43	.45	.16	.50
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	7.17	5.98	7.34	9.88	7.65	1.03	3.62	5.22	7.69	6.33	1.63	8.30	1.24	6.09	2.08	9.03	5.54	5.43	8.94	9.27	1.33	8.02	5.11	9.07	6.96
2	1.12	-3.25	3.25	-4.92	6.48	1.24	-1.09	7.70	-1.03	6.78	5.18	-1.83	5.14	-4.83	4.05	2.72	-2.84	4.84	-2.87	5.47	3.71	-3.86	3.69	-2.34	6.61
3	8.31	3.42	9.76	2.71	2.75	4.37	7.79	6.03	5.26	8.33	6.81	5.64	9.40	2.47	1.11	5.59	8.13	8.91	1.58	1.53	5.33	3.32	1.88	1.82	7.01
4	7.77	8.41	4.72	8.28	8.09	7.86	9.99	2.13	5.46	3.38	7.22	8.94	4.44	7.18	4.95	1.87	6.86	2.79	9.36	2.59	5.14	9.68	6.92	8.73	2.71
5	8.76	-5.67	2.79	-7.68	2.32	3.17	-3.44	6.26	-6.17	2.80	7.51	-6.05	8.78	-8.54	5.56	2.32	-2.29	9.04	-2.94	4.14	6.92	-7.27	3.67	-7.40	4.10
6	9.37	8.14	7.39	3.34	1.77	1.57	2.11	2.54	6.33	9.82	3.81	2.15	6.58	4.72	2.74	3.27	6.85	8.05	2.39	4.96	6.43	6.72	8.75	8.86	6.92
7	9.73	6.16	1.08	7.28	9.22	3.32	5.52	2.86	7.39	6.10	9.40	8.26	7.19	1.37	6.87	1.92	6.59	4.47	6.72	8.04	4.01	4.20	4.70	7.02	6.14
8	8.25	-4.20	3.67	-6.37	4.91	4.44	-7.77	6.90	-1.23	9.65	6.32	-1.64	7.02	-8.04	2.36	3.14	-9.26	2.79	-3.12	6.40	8.83	-7.95	9.69	-2.09	7.41
9	4.33	8.43	8.39	7.28	1.42	8.39	3.51	8.46	5.62	5.52	9.90	1.59	6.46	6.59	7.46	2.89	3.97	6.22	5.42	5.90	7.88	3.02	8.88	2.67	4.00
10	6.89	-4.66	3.47	-7.19	2.08	3.28	-5.94	2.67	-4.94	2.31	8.84	-6.86	8.49	-1.93	7.88	8.59	-4.37	9.18	-9.97	7.27	5.60	-5.06	8.79	-9.26	3.50
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
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Chennai Trade Centre, Convention Hall (25/8/2012)

101	2161 X 8 =	
102	6469 X 8 =	
103	6780 X 5 =	
104	3245 X 4 =	
105	7366 X 9 =	
106	4988 X 7 =	
107	1392 X 4 =	
108	4788 X 9 =	
109	1273 X 2 =	
110	9613 X 4 =	
111	9236 X 4 =	
112	4960 X 8 =	
113	7795 X 7 =	
114	5712 X 3 =	
115	7439 X 3 =	
116	5978 X 9 =	
117	7821 X 3 =	
118	9380 X 5 =	
119	6930 X 2 =	
120	7043 X 3 =	
121	8949 X 6 =	
122	1616 X 5 =	
123	8899 X 6 =	
124	7323 X 7 =	
125	7230 X 4 =	

126	673 X 98 =	
127	258 X 52 =	
128	241 X 39 =	
129	245 X 23 =	
130	754 X 14 =	
131	428 X 76 =	
132	199 X 20 =	
133	188 X 30 =	
134	228 X 60 =	
135	221 X 73 =	
136	602 X 88 =	
137	700 X 39 =	
138	221 X 11 =	
139	130 X 13 =	
140	645 X 54 =	
141	579 X 35 =	
142	270 X 51 =	
143	973 X 46 =	
144	215 X 14 =	
145	859 X 15 =	
146	661 X 19 =	
147	853 X 56 =	
148	738 X 34 =	
149	676 X 11 =	
150	170 X 79 =	

151	2337 ÷ 57 =	
152	750 ÷ 25 =	
153	2058 ÷ 98 =	
154	1978 ÷ 86 =	
155	1666 ÷ 17 =	
156	5192 ÷ 88 =	
157	1836 ÷ 27 =	
158	2756 ÷ 53 =	
159	5103 ÷ 63 =	
160	1530 ÷ 51 =	
161	377 ÷ 29 =	
162	7832 ÷ 88 =	
163	6450 ÷ 86 =	
164	5016 ÷ 88 =	
165	6624 ÷ 72 =	
166	1221 ÷ 33 =	
167	437 ÷ 23 =	
168	1485 ÷ 45 =	
169	2028 ÷ 52 =	
170	3237 ÷ 83 =	
171	384 ÷ 32 =	
172	4704 ÷ 56 =	
173	1060 ÷ 20 =	
174	3599 ÷ 59 =	
175	770 ÷ 70 =	

176	2765 ÷ 79 =	
177	945 ÷ 45 =	
178	696 ÷ 58 =	
179	2295 ÷ 45 =	
180	8448 ÷ 96 =	
181	736 ÷ 23 =	
182	1848 ÷ 44 =	
183	6499 ÷ 67 =	
184	5490 ÷ 90 =	
185	3901 ÷ 47 =	
186	806 ÷ 62 =	
187	1155 ÷ 77 =	
188	1080 ÷ 60 =	
189	442 ÷ 34 =	
190	1472 ÷ 64 =	
191	3528 ÷ 63 =	
192	1924 ÷ 37 =	
193	832 ÷ 16 =	
194	3770 ÷ 58 =	
195	1395 ÷ 93 =	
196	5120 ÷ 80 =	
197	5208 ÷ 56 =	
198	3822 ÷ 42 =	
199	1917 ÷ 71 =	
200	4488 ÷ 68 =	