

**19<sup>TH</sup> UCMAS ABACUS & MENTAL ARITHMETIC  
INTERNATIONAL COMPETITION 2013**

TOTAL MARKS	
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MARKS	<b>X10=</b>
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Category:

**L**

**GRAND LEVEL**

**M.A.**  
Addition/ Subtraction

DATE: 01 DECEMBER 2013

VENUE: IJUM

Time Limit: 8 Minutes

100 questions, each question carries 10 marks

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	8.85	8.48	8.89	8.57	8.09	8.68	8.36	8.46	2.86	5.39	7.35	8.85	7.24	9.19	6.95	5.24	1.35	7.91	4.73	7.61	5.91	9.81	6.57	5.79	4.77	
2	9.67	8.00	5.60	7.03	3.15	9.22	8.62	8.87	7.62	6.69	4.42	8.76	7.62	5.69	7.76	5.48	9.08	5.92	2.17	6.51	2.84	8.56	1.59	7.21	4.42	
3	9.38	-4.97	6.56	-7.18	7.85	-7.42	5.67	-3.84	2.47	-4.09	3.43	-6.86	6.85	-1.45	3.57	-7.77	8.40	-3.42	8.64	-9.08	7.23	-8.96	9.73	-8.34	4.26	
4	3.11	9.11	1.55	8.38	9.76	8.18	4.10	7.78	2.05	5.33	4.65	8.54	5.51	6.37	5.38	9.25	6.32	7.07	3.16	7.37	3.38	8.29	8.08	9.85	4.31	
5	1.06	6.92	2.92	9.67	6.27	9.56	6.75	5.67	7.41	8.23	9.98	5.57	4.57	6.53	4.22	8.66	4.98	8.56	9.98	8.56	6.54	7.91	3.27	7.04	7.96	
6	6.07	-7.55	6.05	-5.91	8.93	-2.56	1.51	-7.46	3.79	-2.44	7.40	-3.60	1.87	-2.90	2.21	-7.43	9.62	-3.86	7.96	-2.51	2.49	-7.83	7.32	-3.10	3.36	
7	7.99	9.25	5.82	9.97	2.62	7.42	9.15	7.10	1.27	6.19	5.67	6.50	9.64	5.20	4.63	6.19	9.24	6.83	8.71	5.19	7.02	6.56	8.33	6.40	7.98	
8	9.87	8.87	8.12	5.74	5.07	9.70	6.02	6.50	1.14	7.08	2.99	6.92	3.85	5.95	1.29	6.90	3.80	5.54	1.59	6.46	4.22	8.97	4.69	6.22	6.96	
9	5.49	-6.42	2.96	-5.79	9.69	-7.32	7.23	-7.76	7.35	-5.00	2.65	-8.75	6.41	-5.73	6.42	-3.66	6.15	-7.57	4.39	-2.08	6.61	-5.16	1.56	-5.66	7.54	
10	1.71	3.85	9.62	3.39	4.34	3.50	1.15	1.11	8.31	2.97	9.01	6.51	5.08	9.79	1.10	8.62	1.84	1.98	3.01	1.46	3.39	3.88	6.30	5.57	3.95	
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	59.95	7.84	22.31	95.34	8.19	50.98	9.10	78.56	2.34	97.45	40.54	81.45	1.82	97.97	2.32	35.76	3.93	7.77	42.53	42.27	75.15	2.11	36.95	74.98	8.22	
2	8.59	93.80	2.95	5.64	40.05	71.26	8.12	9.07	94.76	64.39	5.32	1.29	16.29	4.39	99.22	50.90	4.43	8.15	3.20	8.87	94.57	6.66	5.07	6.75	99.95	
3	54.16	-15.90	91.65	-56.98	7.75	-2.03	67.54	-40.12	7.98	-18.82	87.66	-27.31	6.47	-67.07	3.58	-6.66	69.24	-3.83	80.81	-9.47	3.88	-1.79	53.80	-31.56	85.32	
4	8.75	84.02	1.89	9.24	14.43	81.64	87.52	8.64	27.04	86.39	1.32	9.67	92.61	12.59	1.03	4.03	4.08	44.32	4.25	34.61	9.97	98.74	2.46	1.15	2.90	
5	38.02	9.93	43.09	58.85	4.99	4.11	2.18	26.86	5.06	4.22	34.40	72.51	8.71	2.34	28.33	91.15	12.96	54.67	50.21	71.71	96.75	5.60	15.96	69.88	8.12	
6	6.46	-42.55	8.87	-7.62	46.31	-4.76	46.83	-7.35	13.24	-1.71	25.80	-57.96	48.18	-7.92	88.73	-2.99	52.22	-2.52	17.82	-53.23	5.04	-48.26	7.16	-5.97	53.68	
7	94.26	72.35	88.75	8.15	21.00	72.94	4.32	77.24	8.68	49.09	3.38	86.67	59.94	67.22	58.54	71.04	33.29	8.14	2.40	8.63	39.09	92.96	15.29	6.65	12.42	
8	8.08	4.91	5.51	97.11	9.26	8.20	99.41	8.67	80.72	2.54	7.67	5.95	7.74	36.81	2.97	2.83	9.10	80.78	83.40	2.88	4.77	9.20	7.02	58.13	8.82	
9	9.86	-54.06	70.47	-9.09	49.14	-55.07	4.60	-66.30	5.60	-4.76	2.90	-6.87	73.95	-9.33	7.66	-5.86	94.08	-51.64	8.23	-5.05	13.46	-30.64	34.44	-2.40	8.98	
10	76.34	2.68	7.74	58.16	8.34	4.61	78.38	7.23	48.63	4.76	77.31	8.12	9.93	6.18	98.50	32.63	4.39	43.20	5.50	47.18	6.54	84.12	2.11	58.43	56.03	
Ans																										

19<sup>TH</sup> UCMAS ABACUS & MENTAL ARITHMETIC  
INTERNATIONAL COMPETITION 2013

MARKS	X10=
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Category: **L** GRAND LEVEL

**M.A.**  
Addition/ Subtraction

DATE: 01 DECEMBER 2013  
VENUE: IJUM

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	21.35	49.31	64.74	85.63	29.12	71.22	16.65	23.88	20.62	32.15	69.08	83.18	85.62	45.70	80.70	14.17	42.91	23.80	19.25	19.97	80.65	56.36	86.67	41.70	70.72
2	23.54	74.82	40.94	81.13	63.06	91.08	79.46	89.18	85.62	71.88	63.24	90.69	78.79	87.85	19.58	81.87	95.90	83.63	58.73	99.04	53.69	70.28	22.10	95.83	99.93
3	32.48	-21.71	27.78	-10.14	84.12	-61.59	74.28	-51.97	68.97	-43.52	28.37	-11.85	54.00	-40.46	73.38	-18.20	90.06	-45.33	36.21	-60.80	13.03	-27.03	16.91	-61.04	38.22
4	89.05	26.46	23.93	80.43	51.58	19.63	58.79	19.06	35.19	40.39	39.70	80.50	92.78	20.58	96.91	86.69	42.39	24.15	50.15	33.30	85.25	36.86	45.40	96.65	39.08
5	80.92	79.88	38.19	84.54	55.07	73.51	15.82	86.08	11.64	90.99	85.94	89.09	73.55	72.29	31.38	85.66	23.07	74.81	69.56	98.18	69.89	88.05	12.72	74.06	15.01
6	22.24	-59.85	62.34	-68.43	87.78	-22.16	56.96	-69.38	25.77	-22.80	98.89	-20.93	17.31	-40.84	96.16	-38.68	13.95	-49.02	61.04	-43.21	68.28	-80.42	57.08	-69.66	50.53
7	52.14	32.55	82.29	91.30	97.65	53.10	12.30	79.74	73.54	67.17	76.40	22.62	34.32	18.06	83.22	29.93	44.23	65.28	46.03	54.11	22.76	43.95	45.85	31.15	58.97
8	83.78	93.62	86.11	79.51	40.52	73.28	44.06	79.49	63.14	89.74	58.21	84.00	65.93	80.90	94.22	78.10	97.72	76.34	88.33	99.83	83.26	79.14	58.40	88.81	52.87
9	86.42	-45.60	61.12	-30.44	53.40	-66.33	51.92	-50.81	62.12	-47.41	38.17	-42.28	68.31	-36.25	39.69	-40.94	65.88	-46.45	29.86	-12.27	94.48	-68.08	82.39	-68.94	41.64
10	87.65	98.53	84.98	61.39	98.55	38.65	34.36	44.10	57.59	13.30	20.47	95.20	40.34	35.88	48.44	48.39	51.60	40.23	68.61	73.25	70.43	17.37	90.30	97.59	56.52
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	447.16	387.85	810.74	130.26	705.15	762.18	140.69	117.53	470.56	734.07	611.70	341.47	831.15	975.36	305.91	279.37	349.44	866.54	614.09	640.74	348.18	195.80	771.59	667.40	262.59
2	547.56	810.42	354.73	729.41	514.08	739.58	536.01	832.93	130.63	893.56	514.40	811.68	990.28	779.97	636.74	877.90	793.48	788.72	649.67	804.64	567.32	800.74	766.76	941.77	451.64
3	413.56	-385.58	426.27	-558.96	938.47	-651.22	544.80	-256.73	480.17	-170.91	229.44	-360.76	696.49	-643.80	165.45	-151.23	753.23	-432.42	961.23	-364.09	769.26	-388.39	545.00	-674.45	386.20
4	452.40	822.64	378.20	654.04	484.69	746.92	122.81	393.56	404.78	347.10	787.68	129.80	719.94	388.25	126.60	400.75	486.19	521.08	288.22	789.66	836.69	427.64	163.68	492.20	229.48
5	859.73	919.68	395.93	985.72	527.69	964.01	539.22	724.29	228.65	780.39	764.43	804.36	172.21	723.70	959.20	928.66	184.36	787.96	945.06	788.53	526.30	784.23	839.27	848.45	354.16
6	274.15	-329.02	768.18	-484.37	356.98	-644.37	226.35	-332.49	627.86	-338.15	241.56	-692.28	930.12	-251.23	960.76	-187.31	788.52	-371.71	269.37	-513.73	965.92	-222.74	649.97	-528.93	811.22
7	609.40	466.46	717.29	422.16	712.49	122.39	502.69	961.27	962.82	559.80	577.29	798.58	128.40	597.77	181.87	765.39	362.71	323.35	869.61	994.17	437.09	151.72	993.96	679.73	438.10
8	687.04	809.81	992.64	818.21	776.74	742.01	258.88	716.09	743.22	800.45	724.95	901.42	705.35	805.99	690.65	918.39	391.91	829.50	484.73	964.50	613.70	994.92	418.29	828.98	827.52
9	774.09	-663.57	693.38	-265.80	779.40	-424.34	946.37	-540.48	278.93	-392.75	690.53	-149.22	818.87	-504.00	409.02	-116.75	133.42	-623.66	464.70	-532.04	314.44	-276.78	501.85	-197.64	438.53
10	196.48	768.77	889.07	553.84	890.76	897.89	757.38	477.66	192.97	148.24	388.73	791.43	207.74	958.26	380.41	183.11	129.20	513.95	800.23	145.82	321.59	949.60	721.49	265.45	641.31
Ans																									

**19<sup>TH</sup> UCMAS ABACUS & MENTAL ARITHMETIC  
INTERNATIONAL COMPETITION 2013**

<b>MARKS</b>	<b>X5=</b>
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Category: **L GRAND LEVEL**

**M.A.**  
Multiplication/ Division

DATE: 01 DECEMBER 2013  
VENUE: IJUM

100 questions, each question carries 5 marks

1	68 × 568 =
2	55 × 912 =
3	69 × 511 =
4	93 × 910 =
5	50 × 496 =
6	46 × 577 =
7	91 × 359 =
8	64 × 975 =
9	61 × 964 =
10	94 × 885 =
11	55 × 595 =
12	60 × 577 =
13	461 × 89 =
14	408 × 97 =
15	717 × 70 =
16	987 × 94 =
17	728 × 68 =
18	587 × 62 =
19	986 × 41 =
20	813 × 60 =
21	785 × 66 =
22	462 × 70 =
23	823 × 82 =
24	758 × 35 =
25	341 × 49 =

26	934 × 209 =
27	926 × 665 =
28	795 × 204 =
29	328 × 846 =
30	543 × 192 =
31	383 × 590 =
32	236 × 453 =
33	354 × 124 =
34	139 × 205 =
35	949 × 921 =
36	792 × 830 =
37	936 × 146 =
38	7,693 × 64 =
39	4,617 × 97 =
40	8,248 × 35 =
41	1,875 × 85 =
42	3,647 × 38 =
43	8,573 × 88 =
44	8,402 × 71 =
45	1,828 × 54 =
46	9,050 × 73 =
47	6,611 × 76 =
48	4,210 × 73 =
49	5,189 × 44 =
50	2,686 × 63 =

51	1,632 ÷ 34 =
52	4,480 ÷ 80 =
53	2,655 ÷ 59 =
54	2,173 ÷ 53 =
55	5,130 ÷ 90 =
56	7,225 ÷ 85 =
57	5,148 ÷ 78 =
58	2,640 ÷ 40 =
59	4,462 ÷ 46 =
60	4,758 ÷ 78 =
61	6,256 ÷ 92 =
62	1,764 ÷ 36 =
63	2,600 ÷ 52 =
64	2,584 ÷ 68 =
65	5,658 ÷ 69 =
66	8,256 ÷ 96 =
67	4,680 ÷ 60 =
68	2,553 ÷ 69 =
69	3,600 ÷ 40 =
70	7,275 ÷ 75 =
71	6,916 ÷ 76 =
72	2,950 ÷ 50 =
73	1,540 ÷ 35 =
74	2,537 ÷ 43 =
75	2,184 ÷ 42 =

76	35,724 ÷ 39 =
77	46,057 ÷ 79 =
78	82,128 ÷ 87 =
79	62,196 ÷ 71 =
80	38,352 ÷ 48 =
81	43,197 ÷ 561 =
82	84,830 ÷ 998 =
83	63,364 ÷ 868 =
84	26,358 ÷ 573 =
85	56,695 ÷ 667 =
86	374,180 ÷ 53 =
87	195,943 ÷ 47 =
88	273,734 ÷ 34 =
89	686,196 ÷ 98 =
90	462,384 ÷ 72 =
91	235,077 ÷ 381 =
92	427,390 ÷ 541 =
93	230,332 ÷ 356 =
94	444,213 ÷ 693 =
95	420,434 ÷ 509 =
96	515,328 ÷ 8,448 =
97	164,082 ÷ 4,002 =
98	554,904 ÷ 8,808 =
99	321,912 ÷ 8,942 =
100	561,963 ÷ 9,859 =