

**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: **K** Grand A

**M.A.**  
Addition/ Subtraction

DATE: 01 DECEMBER 2013  
VENUE: IUUM

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	.89	6.07	.38	9.24	.95	8.13	.48	6.03	.35	9.86	.41	8.23	.90	.17	4.25	.34	7.80	6.29	4.67	.45	.36	4.27	.13	.84	5.98
2	3.62	.94	.96	.31	.47	7.52	3.96	.72	4.81	.57	6.25	.94	.75	9.46	.67	8.92	.53	.38	.50	7.18	2.85	9.30	6.49	7.61	.26
3	.50	-3.65	.47	-5.06	9.38	-4.69	.75	-3.68	.62	-.24	.37	-.50	8.46	-5.82	9.08	-.56	.71	-1.60	.32	-.69	3.04	-5.68	.27	-4.35	.31
4	8.34	.12	8.05	.87	.21	.54	9.23	.14	9.0	.13	4.96	9.17	.32	.39	.43	9.41	8.64	.57	7.91	8.20	.79	.19	4.58	.29	9.45
5	9.17	.83	3.21	6.95	3.60	.78	.10	7.59	8.74	8.09	.80	.68	5.81	.50	8.19	.87	.29	.41	6.80	.73	.12	8.54	.60	6.75	.70
6	6.08	-.79	.64	-.43	.74	-5.26	.54	-2.86	3.19	-4.62	5.13	-2.03	.24	-4.21	.52	-3.69	.18	-.93	.45	-4.56	9.47	-.72	3.95	-.13	8.69
7	.23	8.40	2.59	.70	2.89	.35	8.67	.40	.56	.71	.64	.79	3.97	7.68	.73	.20	9.45	7.06	3.18	.92	.50	.83	.86	.54	.14
8	4.96	9.21	.73	4.12	4.53	.87	4.19	.93	1.28	6.45	1.79	9.42	1.50	.94	2.60	4.75	.23	9.82	.26	6.80	1.68	.46	7.31	.92	6.57
9	.75	-2.68	6.80	-3.69	7.16	-.90	.82	-.21	.47	-2.90	.82	-7.51	.38	-1.07	.98	-.13	5.60	-4.17	.43	-.17	.23	-3.91	.40	-5.76	.80
10	.41	.53	9.12	.85	.20	2.41	6.03	9.75	6.30	.83	7.50	.86	2.16	.35	7.41	2.48	2.97	.54	1.79	9.34	8.91	.50	5.27	9.08	4.32
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	9.72	8.94	7.13	6.82	9.17	3.21	4.29	6.31	5.48	7.92	3.14	9.16	4.98	3.92	1.87	6.54	7.80	4.93	2.15	8.67	5.72	9.18	8.45	3.29	2.64
2	5.63	7.60	5.84	7.40	3.46	6.45	7.16	8.24	1.73	5.30	9.58	2.40	7.61	8.50	6.59	9.82	6.52	2.01	7.39	1.50	4.93	7.06	3.19	8.54	9.05
3	8.09	-3.25	6.39	-5.28	1.78	-7.89	2.38	-9.71	2.96	-8.41	4.63	-1.78	2.34	-1.63	2.43	-5.76	3.79	-6.87	8.60	-4.29	7.81	-5.42	4.83	-1.60	5.73
4	3.45	2.71	8.06	6.19	8.50	9.16	4.96	6.40	3.82	6.57	5.72	4.91	1.07	7.84	5.02	1.43	2.46	9.65	3.94	3.17	2.56	8.73	9.62	4.13	4.80
5	6.18	9.43	9.21	7.43	4.39	3.70	8.05	7.59	9.10	2.84	6.09	7.35	8.59	6.12	4.67	8.20	9.81	3.24	6.85	9.45	1.09	6.41	5.70	7.28	1.36
6	2.96	-5.08	4.70	-8.25	5.82	-6.52	9.74	-1.24	5.48	-3.79	7.85	-8.62	3.76	-4.35	8.35	-3.65	4.73	-8.76	1.37	-2.83	8.34	-3.80	6.98	-9.41	7.42
7	1.57	6.97	2.48	3.07	6.03	2.37	7.21	8.67	7.91	6.10	1.76	9.04	9.42	7.06	3.94	9.87	1.65	5.18	4.96	6.75	5.67	4.67	7.31	6.07	6.19
8	7.84	3.52	6.37	1.94	5.14	4.98	5.63	5.38	1.27	7.85	4.29	6.17	5.30	9.43	1.72	2.14	8.20	6.40	7.42	8.91	7.28	1.39	2.54	5.92	3.57
9	6.10	-4.16	5.12	-2.68	3.67	-5.06	4.89	-2.01	8.35	-1.94	5.13	-3.89	6.92	-5.78	2.80	-7.05	3.18	-7.32	9.51	-5.30	6.51	-7.84	1.67	-4.36	8.21
10	5.23	8.39	1.63	9.73	2.91	4.81	1.50	3.95	6.04	2.63	9.08	5.73	7.81	6.19	9.16	4.32	5.94	4.95	6.08	7.46	3.90	2.51	8.02	2.81	4.98
Ans																									

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

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

**K**

**Grand A**

**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	81.54	90.37	1.39	95.46	6.12	47.35	4.28	96.30	70.89	3.57	32.18	85.19	6.24	68.95	14.26	96.71	8.09	2.47	3.68	9.17	23.40	73.29	67.18	6.97	9.46	
2	6.73	5.42	78.65	2.73	87.43	6.28	51.36	5.24	13.62	72.86	6.05	6.43	17.38	7.20	8.57	5.08	4.76	93.05	1.94	38.40	8.79	4.60	5.30	95.21	7.03	
3	48.90	-8.19	94.02	-69.80	5.08	-9.10	7.50	-8.91	8.74	-34.12	8.74	-50.72	9.05	-6.18	26.09	-7.94	2.18	-48.96	65.02	-6.35	14.63	-1.85	39.26	-70.63	68.92	
4	3.26	54.63	7.83	4.15	2.36	4.62	26.49	50.47	9.56	8.79	65.90	4.51	82.17	20.34	7.34	81.25	79.64	1.32	8.37	90.81	2.85	40.31	8.79	9.58	1.87	
5	65.18	7.08	25.40	7.68	41.95	60.97	8.07	3.85	87.10	5.40	4.21	3.68	3.69	9.67	2.81	4.63	3.50	6.84	39.50	3.62	85.12	9.47	3.45	67.04	24.51	
6	4.37	-49.21	6.97	-31.29	38.60	-82.54	93.15	-49.06	4.23	-29.38	21.60	-2.07	71.80	-3.82	89.73	-70.59	46.27	-5.60	2.61	-84.59	9.34	-64.02	72.83	-2.35	37.68	
7	12.09	3.74	42.81	5.06	59.27	1.03	2.64	4.72	5.97	46.05	7.39	41.85	4.52	85.49	40.62	8.40	81.35	87.19	90.23	72.03	7.08	52.93	6.51	4.19	5.24	
8	4.65	1.85	30.54	78.91	3.81	28.79	30.91	81.53	61.48	7.24	19.46	8.30	30.41	72.06	1.95	49.37	7.42	64.53	8.15	1.96	96.51	7.54	82.07	28.76	52.93	
9	70.83	-36.90	9.23	-6.04	20.74	-3.46	65.82	-7.69	92.35	-1.93	2.57	-39.64	28.73	-4.51	93.08	-2.16	60.83	-9.01	27.06	-7.48	35.26	-15.78	4.62	-51.40	6.70	
10	9.52	87.42	6.71	53.27	4.59	95.18	9.43	32.15	6.01	83.42	70.84	14.29	5.96	98.37	5.41	13.82	25.91	52.78	14.89	13.25	1.97	8.61	57.94	2.86	93.15	
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	89.36	45.12	60.38	91.74	82.50	73.51	26.48	86.07	51.93	42.10	65.19	41.23	58.74	46.28	17.90	95.60	46.53	32.90	18.16	93.73	19.75	54.63	69.81	77.84	82.40	
2	40.27	76.30	19.27	63.80	41.96	46.90	37.15	45.31	78.04	53.87	78.40	85.76	26.90	90.75	46.32	78.12	71.02	90.23	86.44	78.54	65.19	84.85	72.69	89.25	74.97	
3	15.68	-21.89	54.60	-54.12	23.87	-17.28	80.26	-29.78	26.15	-69.41	21.56	-34.09	31.58	-48.13	51.80	-45.63	80.95	-69.58	55.25	-19.56	19.65	-40.50	79.71	-16.04	43.21	
4	73.90	36.05	23.78	30.76	95.61	93.64	59.38	36.40	47.38	85.26	94.83	25.18	64.29	76.02	92.76	17.92	34.26	59.05	53.32	85.94	44.58	42.18	64.13	89.67	66.04	
5	52.41	87.94	91.45	28.59	70.34	50.82	47.01	51.92	92.60	70.93	30.72	79.60	17.03	53.91	34.01	86.54	17.59	75.35	46.51	71.70	25.55	98.81	23.16	70.25	70.93	
6	69.73	-15.60	38.62	-47.63	59.12	-69.13	35.62	-83.64	84.57	-18.64	19.64	-10.35	45.68	-82.30	27.68	-32.01	62.83	-24.53	51.16	-22.30	66.82	-43.89	14.19	-64.39	97.10	
7	81.04	79.28	57.90	80.91	68.03	24.05	91.74	12.57	32.69	37.09	83.05	67.84	13.97	19.46	41.35	59.47	91.74	31.81	68.95	23.77	36.73	29.84	53.68	58.30	87.38	
8	37.59	43.56	14.53	65.24	74.28	78.36	28.50	69.08	10.72	24.58	42.97	92.51	20.46	37.59	73.29	20.81	23.08	77.55	24.56	92.10	56.07	88.19	11.46	76.54	65.61	
9	64.12	-82.07	62.79	-71.08	53.96	-51.40	17.93	-34.25	59.46	-89.31	36.51	-83.47	57.31	-60.48	18.07	-56.93	76.45	-12.23	46.02	-28.78	23.70	-24.40	86.16	-20.95	50.16	
10	25.80	94.31	53.10	92.35	14.07	82.79	60.84	97.01	30.81	76.25	90.28	69.02	82.90	51.27	35.46	14.28	58.13	55.39	32.83	15.77	40.91	56.35	74.40	98.61	13.02	
Ans																										

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

**MARKS**

**X5=**

**Category: K**

**Grand A**

**M.A.  
Multiplication/ Division**

**DATE: 01 DECEMBER 2013**

**VENUE: IJUM**

**100 questions, each question carries 5 marks**

1	908	×	61	=
2	146	×	92	=
3	756	×	54	=
4	171	×	69	=
5	739	×	32	=
6	189	×	69	=
7	411	×	87	=
8	340	×	88	=
9	752	×	57	=
10	905	×	27	=
11	926	×	71	=
12	675	×	97	=
13	982	×	98	=
14	627	×	38	=
15	525	×	64	=
16	128	×	45	=
17	878	×	68	=
18	640	×	53	=
19	449	×	31	=
20	280	×	63	=
21	528	×	87	=
22	394	×	76	=
23	252	×	35	=
24	859	×	82	=
25	783	×	93	=

26	8,269	×	61	=
27	1,485	×	37	=
28	6,113	×	72	=
29	3,165	×	57	=
30	2,392	×	68	=
31	7,928	×	73	=
32	4,475	×	68	=
33	2,544	×	92	=
34	2,115	×	76	=
35	8,616	×	70	=
36	9,035	×	87	=
37	2,027	×	71	=
38	6,036	×	67	=
39	4,222	×	70	=
40	6,974	×	79	=
41	7,367	×	70	=
42	8,868	×	46	=
43	3,748	×	73	=
44	2,168	×	98	=
45	1,485	×	58	=
46	5,473	×	66	=
47	2,308	×	49	=
48	9,624	×	83	=
49	9,898	×	34	=
50	3,374	×	36	=

51	1,836	÷	34	=
52	5,632	÷	64	=
53	5,133	÷	87	=
54	4,505	÷	85	=
55	5,082	÷	66	=
56	3,330	÷	90	=
57	3,480	÷	60	=
58	2,401	÷	49	=
59	4,270	÷	70	=
60	3,906	÷	62	=
61	6,210	÷	90	=
62	7,290	÷	81	=
63	5,544	÷	77	=
64	6,478	÷	79	=
65	5,040	÷	80	=
66	2,196	÷	61	=
67	4,602	÷	59	=
68	1,855	÷	53	=
69	1,369	÷	37	=
70	5,673	÷	93	=
71	1,326	÷	34	=
72	5,005	÷	77	=
73	5,776	÷	76	=
74	1,904	÷	34	=
75	3,596	÷	62	=

76	33,330	÷	55	=
77	62,900	÷	68	=
78	55,500	÷	75	=
79	76,707	÷	81	=
80	57,708	÷	84	=
81	25,674	÷	66	=
82	35,332	÷	73	=
83	29,624	÷	56	=
84	28,342	÷	37	=
85	18,540	÷	45	=
86	57,598	÷	929	=
87	24,272	÷	656	=
88	53,360	÷	920	=
89	43,463	÷	887	=
90	45,253	÷	767	=
91	31,901	÷	437	=
92	35,022	÷	898	=
93	51,615	÷	555	=
94	46,240	÷	544	=
95	45,962	÷	938	=
96	22,385	÷	407	=
97	27,676	÷	407	=
98	49,266	÷	966	=
99	43,949	÷	619	=
100	41,550	÷	554	=