Soroban Technology Lab

Mental Calculation Pre-1 Kyu

No.		Name	
Date		Score	

Mental Sums (Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

No.	1	2	3	4	5
1	607	590	345	634	982
2	521	482	614	408	725
3	943	739	280	152	164
4	386	651	197	790	503
5	250	304	578	243	310
6	874	176	406	586	249
7	169	928	932	917	678
Sum					

No.	6	7	8	9	10
1	305	549	972	204	173
2	678	193	306	526	820
3	914	768	814	831	536
4	250	201	235	972	749
5	527	370	498	395	365
6	183	824	657	460	984
7	496	956	120	718	201
Sum					

Mental Calculation Pre-1 Kyu Mental Sums

(Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

No.	11	12	13	14	15
1	872	198	623	275	193
2	650	670	510	609	764
3	193	435	789	843	502
4	204	312	−140	519	−281
5	481	874	−462	162	−603
6	576	502	839	308	897
7	913	946	−375	734	546
8	432	357	−258	416	−874
9	709	980	107	927	−910
10	568	261	964	850	325
Sum					

No.	16	17	18	19	20
1	584	704	427	215	485
2	196	329	530	798	206
3	270	861	618	430	931
4	723	158	971	673	873
5	806	−965	538	−106	947
6	394	−407	960	−489	120
7	531	372	254	152	568
8	807	−134	386	−305	624
9	462	−296	142	−872	570
10	915	580	709	964	391
Sum					

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Mental Calculation Pre-1 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division

(Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

Mental Multiplication

21	78 × 79 =
22	16 × 48 =
23	90 × 65 =
24	81 × 51 =
25	42 × 27 =
26	39 × 85 =
27	53 × 91 =
28	78 × 64 =
29	21 × 38 =
30	62 × 13 =
31	15 × 56 =
32	73 × 17 =
33	86 × 89 =
34	49 × 42 =
35	67 × 36 =
36	278 × 95 =
37	45 × 621 =
38	54 × 230 =
39	976 × 46 =
40	302 × 73 =
41	86 × 248 =
42	473 × 54 =
43	12 × 715 =
44	51 × 862 =
45	960 × 98 =
46	759 × 67 =
47	64 × 310 =
48	214 × 12 =
49	981 × 48 =
50	35 × 935 =

Mental Division

51	1,512 ÷ 18 =
52	1,824 ÷ 76 =
53	4,717 ÷ 89 =
54	9,118 ÷ 97 =
55	1,978 ÷ 43 =
56	1,920 ÷ 32 =
57	3,315 ÷ 85 =
58	3,819 ÷ 67 =
59	3,621 ÷ 51 =
60	432 ÷ 24 =
61	2,800 ÷ 40 =
62	1,260 ÷ 84 =
63	6,873 ÷ 79 =
64	2,100 ÷ 35 =
65	640 ÷ 20 =
66	8,742 ÷ 186 =
67	53,376 ÷ 64 =
68	25,480 ÷ 910 =
69	26,104 ÷ 52 =
70	66,510 ÷ 739 =
71	68,850 ÷ 810 =
72	36,416 ÷ 64 =
73	46,648 ÷ 476 =
74	27,676 ÷ 74 =
75	32,430 ÷ 69 =
76	58,438 ÷ 958 =
77	8,326 ÷ 23 =
78	37,559 ÷ 529 =
79	1,845 ÷ 123 =
80	6,420 ÷ 30 =

Answers Mental Calculation Pre-1 Kyu

Mental Sums

1	3,750	6	3,353	11	5,598	16	5,688
2	3,870	7	3,861	12	5,535	17	1,202
3	3,352	8	3,602	13	2,597	18	5,535
4	3,730	9	4,106	14	5,643	19	1,460
5	3,611	10	3,828	15	559	20	5,715

Mental Multiplication

21	6,162	27	4,823	33	7,654	39	44,896	45	94,080
22	768	28	4,992	34	2,058	40	22,046	46	50,853
23	5,850	29	798	35	2,412	41	21,328	47	19,840
24	4,131	30	806	36	26,410	42	25,542	48	2,568
25	1,134	31	840	37	27,945	43	8,580	49	47,088
26	3,315	32	1,241	38	12,420	44	43,962	50	32,725

Mental Division

51	84	57	39	63	87	69	502	75	470
52	24	58	57	64	60	70	90	76	61
53	53	59	71	65	32	71	85	77	362
54	94	60	18	66	47	72	569	78	71
55	46	61	70	67	834	73	98	79	15
56	60	62	15	68	28	74	374	80	214