Soroban Technology Lab

Pre-4 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	529 × 637 =
2	234 × 908 =
3	3,602 × 35 =
4	985 × 871 =
5	703 × 580 =
6	65 × 2,082 =
7	990 × 789 =
8	166 × 254 =

9	2,031 × 664 =
10	819 × 2,541 =
11	541 × 3,937 =
12	8,707 × 116 =
13	4,357 × 693 =
14	684 × 7,150 =
15	7,648 × 405 =

Division (7 min)

1	23,848 ÷ 271 =
2	17,940 ÷ 52 =
3	16,280 ÷ 407 =
4	23,463 ÷ 33 =
5	34,528 ÷ 664 =
6	44,730 ÷ 497 =
7	35,560 ÷ 70 =
8	11,055 ÷ 55 =

9	88,650 ÷ 225 =
10	550,528 ÷ 88 =
11	252,774 ÷ 906 =
12	789,412 ÷ 893 =
13	123,595 ÷ 1,301 =
14	41,088 ÷ 384 =
15	614,010 ÷ 970 =

Mental Calculation (3 min)

1	2	3	4	5
26	43	57	95	30
31	50	23	24	38
14	37	17	71	45
70	89	10	45	68
56	42	36	80	20

6	7	8	9	10
60	49	14	15	40
14	48	62	13	17
74	95	29	29	64
73	87	24	58	34
28	27	78	95	16

11	12	13	14	15
47	34	89	69	57
27	58	78	49	72
74	40	87	48	62
80	80	92	29	89
65	83	52	26	58

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Pre-4 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
9,530	103	742	4,290	4,015
768	9,324	−503	176	2,573
9,246	2,087	8,697	490	−3,194
1,570	4,956	−4,531	3,258	5,870
392	5,178	−2,069	6,371	−102
7,584	1,092	4,710	8,026	869
3,601	463	5,238	1,945	−7,534

6	7	8	9	10
7,694	8,372	8,071	8,067	3,096
1,052	501	129	1,480	9,281
9,830	−7,935	9,046	−794	7,340
4,675	−204	2,837	−3,512	569
786	4,683	7,215	1,607	2,876
195	−2,890	538	−6,489	4,583
4,302	6,715	6,409	325	109

11	12	13	14	15
805	6,109	8,476	2,405	9,216
1,924	730	201	738	7,045
7,051	6,478	−490	1,320	−629
2,634	3,159	3,256	6,458	−3,801
8,019	2,935	−7,813	172	547
654	8,476	4,609	3,948	−9,018
7,283	201	−7,528	6,075	3,652

Answers Pre-4 Kyu

Multiplication

1	336,973	6	135,330	11	2,129,917
2	212,472	7	781,110	12	1,010,012
3	126,070	8	42,164	13	3,019,401
4	857,935	9	1,348,584	14	4,890,600
5	407,740	10	2,081,079	15	3,097,440

Division

1	88	6	90	11	279
2	345	7	508	12	884
3	40	8	201	13	95
4	711	9	394	14	107
5	52	10	6,256	15	633

Sums

1	32,691	6	28,534	11	28,370
2	23,203	7	9,242	12	28,088
3	12,284	8	34,245	13	711
4	24,556	9	684	14	21,116
5	2,497	10	27,854	15	7,012

Mental Calculation

1	197	6	249	11	293
2	261	7	306	12	295
3	143	8	207	13	398
4	315	9	210	14	221
5	201	10	171	15	338