Soroban Technology Lab

Pre-4 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	540 × 318 =
2	751 × 154 =
3	1,789 × 27 =
4	236 × 805 =
5	607 × 652 =
6	39 × 5,733 =
7	554 × 386 =
8	803 × 543 =

9	182 × 4,164 =
10	930 × 9,982 =
11	7,624 × 709 =
12	6,805 × 421 =
13	438 × 8,067 =
14	2,792 × 705 =
15	4,911 × 920 =

Division (7 min)

1	58,014 ÷ 879 =
2	41,160 ÷ 490 =
3	49,550 ÷ 50 =
4	17,028 ÷ 774 =
5	87,390 ÷ 90 =
6	5,075 ÷ 25 =
7	11,837 ÷ 133 =
8	12,810 ÷ 21 =

9	169,676 ÷ 502 =
10	141,510 ÷ 318 =
11	268,569 ÷ 87 =
12	316,288 ÷ 448 =
13	121,100 ÷ 692 =
14	249,410 ÷ 3,563 =
15	314,924 ÷ 601 =

Mental Calculation (3 min)

1	2	3	4	5
23	80	42	12	93
50	16	37	76	52
41	80	23	78	40
14	12	41	63	70
75	57	30	19	23

6	7	8	9	10
79	63	70	72	94
36	94	68	36	30
82	71	91	39	46
24	91	45	13	98
65	78	95	50	89

11	12	13	14	15
93	80	16	34	67
62	17	46	59	51
24	19	72	50	49
17	26	70	25	39
67	21	54	92	59

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Pre-4 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
410	519	6,428	5,796	9,863
679	302	7,013	4,073	201
7,542	3,078	−802	2,495	−5,748
1,369	9,465	−4,169	608	3,209
9,048	4,512	256	8,362	7,946
8,672	2,361	−8,095	134	−618
1,503	7,089	7,134	5,907	−3,205

6	7	8	9	10
205	3,570	8,610	8,340	2,043
8,142	−1,783	7,928	−2,435	4,137
437	4,650	2,305	579	721
9,061	−291	1,647	−801	6,098
5,849	186	468	−4,638	8,539
1,087	−2,703	9,037	9,750	7,421
5,263	5,849	251	4,621	650

11	12	13	14	15
9,530	5,096	1,302	6,850	7,053
7,021	671	5,214	947	−5,460
9,358	316	−4,387	590	8,641
1,647	8,925	6,905	6,231	−7,392
2,534	4,098	−3,894	7,865	238
890	7,601	205	8,392	−401
761	5,234	−176	4,170	5,679

Answers Pre-4 Kyu

Multiplication

1	171,720	6	223,587	11	5,405,416
2	115,654	7	213,844	12	2,864,905
3	48,303	8	436,029	13	3,533,346
4	189,980	9	757,848	14	1,968,360
5	395,764	10	9,283,260	15	4,518,120

Division

1	66	6	203	11	3,087
2	84	7	89	12	706
3	991	8	610	13	175
4	22	9	338	14	70
5	971	10	445	15	524

Sums

1	29,223	6	30,044	11	31,741
2	27,326	7	9,478	12	31,941
3	7,765	8	30,246	13	5,169
4	27,375	9	15,416	14	35,045
5	11,648	10	29,609	15	8,358

Mental Calculation

1	203	6	286	11	263
2	245	7	397	12	163
3	173	8	369	13	258
4	248	9	210	14	260
5	278	10	357	15	265