Soroban Technology Lab

Pre-4 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	236 × 493 =
2	759 × 711 =
3	5,572 × 69 =
4	119 × 503 =
5	890 × 805 =
6	73 × 9,849 =
7	298 × 766 =
8	940 × 405 =

9	881 × 6,037 =
10	6,735 × 261 =
11	3,406 × 188 =
12	403 × 3,257 =
13	2,804 × 842 =
14	1,467 × 324 =
15	427 × 9,520 =

Division (7 min)

1	12,275 ÷ 25 =
2	6,426 ÷ 357 =
3	8,952 ÷ 24 =
4	82,124 ÷ 838 =
5	25,511 ÷ 97 =
6	8,080 ÷ 101 =
7	30,590 ÷ 46 =
8	33,924 ÷ 771 =

9	356,928 ÷ 507 =
10	341,388 ÷ 654 =
11	340,750 ÷ 50 =
12	75,500 ÷ 302 =
13	319,051 ÷ 8,623 =
14	732,954 ÷ 906 =
15	449,599 ÷ 499 =

Mental Calculation (3 min)

1	2	3	4	5
74	75	70	42	86
70	47	37	93	95
69	43	50	54	27
34	65	81	37	14
21	68	32	10	49

6	7	8	9	10
10	24	62	71	86
79	89	24	94	94
41	84	71	97	79
36	12	74	37	89
34	43	36	62	75

11	12	13	14	15
85	67	87	25	89
64	10	27	49	10
49	98	25	50	81
35	75	49	48	31
82	17	36	16	20

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Pre-4 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
2,041	109	8,092	6,042	5,841
8,469	8,325	5,807	375	−3,068
9,026	3,154	−3,924	9,630	425
175	709	−5,178	1,782	−179
4,937	1,296	784	5,421	5,067
5,360	8,043	−625	6,798	−6,439
281	5,672	9,031	340	1,280

6	7	8	9	10
5,028	5,172	138	5,740	4,598
619	−1,085	6,049	8,514	5,069
6,283	7,648	7,586	296	−601
547	−932	4,102	7,104	2,483
4,908	706	9,634	3,697	748
1,067	3,481	870	318	−9,172
2,935	−5,092	3,521	4,052	−3,065

11	12	13	14	15
637	8,495	693	4,920	5,308
2,340	2,069	570	8,146	2,574
5,197	−3,408	4,168	−218	650
6,204	−1,752	3,529	−9,073	3,124
8,972	7,105	7,350	5,698	2,783
408	−394	8,076	−3,507	806
3,516	682	1,249	124	4,951

Answers Pre-4 Kyu

Multiplication

1	116,348	6	718,977	11	640,328
2	539,649	7	228,268	12	1,312,571
3	384,468	8	380,700	13	2,360,968
4	59,857	9	5,318,597	14	475,308
5	716,450	10	1,757,835	15	4,065,040

Division

1	491	6	80	11	6,815
2	18	7	665	12	250
3	373	8	44	13	37
4	98	9	704	14	809
5	263	10	522	15	901

Sums

1	30,289	6	21,387	11	27,274
2	27,308	7	9,898	12	12,797
3	13,987	8	31,900	13	25,635
4	30,388	9	29,721	14	6,090
5	2,927	10	60	15	20,196

Mental Calculation

1	268	6	200	11	315
2	298	7	252	12	267
3	270	8	267	13	224
4	236	9	361	14	188
5	271	10	423	15	231