

Soroban Technology Lab

Pre-4 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

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

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

Division (7 min)

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

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

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

Division

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

Sums

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

Mental Calculation

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