

Soroban Technology Lab

Pre-3 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	$8,231 \times 480 =$
2	$4.2 \times 3,1014 =$
3	$614 \times 2,283 =$
4	$9,406 \times 7.72 =$
5	$1,020 \times 607 =$
6	$4.33 \times 5,108 =$
7	$99.768 \times 80 =$

8	$201 \times 7,565 =$
9	$8,133 \times 109 =$
10	$2,865 \times 272 =$
11	$55,840 \times 96 =$
12	$60.47 \times 346 =$
13	$57 \times 974.33 =$
14	$795 \times 48.51 =$
15	$3.79 \times 56.99 =$

Division (7 min)

1	$355,020 \div 388 =$
2	$107.474 \div 2.18 =$
3	$69,930 \div 18 =$
4	$297.436 \div 4.876 =$
5	$219,716 \div 931 =$
6	$597,153 \div 93 =$
7	$4,691.95 \div 877 =$

8	$86.064 \div 8.965 =$
9	$74.632 \div 49.1 =$
10	$190,773 \div 423 =$
11	$458,438 \div 4,877 =$
12	$337,134 \div 483 =$
13	$32.7516 \div 4.9 =$
14	$129,024 \div 512 =$
15	$420,810 \div 845 =$

Mental Calculation (3 min)

1	2	3	4	5
71	25	29	10	65
35	19	80	74	89
89	40	63	62	32
20	78	15	83	41
46	63	74	59	70

6	7	8	9	10
95	39	16	48	20
76	28	29	20	37
12	65	74	97	85
38	47	85	31	16
40	10	30	56	94

11	12	13	14	15
84	31	63	65	60
20	59	82	41	32
51	20	70	70	57
93	84	19	38	48
67	67	45	92	91

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Pre-3 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
98,514	721	74,086	37,195	6,205
7,630	50,864	-13,295	4,086	37,182
18,329	2,379	-2,380	70,824	-14,278
405	19,463	6,547	632	-536
1,276	1,805	9,135	15,943	4,095
97,830	5,432	76,810	6,219	-9,186
5,642	80,697	-249	8,750	47,230

6	7	8	9	10
3,780	37,508	62,913	9,083	68,715
219	2,714	-51,087	2,174	24,930
94,561	941	76,435	34,658	-72,618
6,743	23,609	8,219	12,069	-9,345
84,520	5,478	-302	43,597	7,053
37,259	1,380	4,710	2,768	9,814
8,106	52,679	-5,896	105	-206

11	12	13	14	15
704	92,071	21,508	1,794	25,680
8,963	-6,583	67,932	98,205	791
10,524	2,054	8,603	-9,513	30,248
95,286	-479	9,572	70,682	9,134
1,743	6,183	12,495	-345	60,579
8,127	-41,890	6,310	-27,036	3,254
63,590	23,576	748	1,489	7,168

Answers Pre-3 Kyu

Multiplication

1	<u>3,950,880</u>	6	<u>22,117.64</u>	11	<u>5,360,640</u>
2	<u>13.02588</u>	7	<u>7,981.44</u>	12	<u>20,922.62</u>
3	<u>1,401,762</u>	8	<u>1,520,565</u>	13	<u>55,536.81</u>
4	<u>72,614.32</u>	9	<u>886,497</u>	14	<u>38,565.45</u>
5	<u>619,140</u>	10	<u>779,280</u>	15	<u>215.9921</u>

Division

1	<u>915</u>	6	<u>6,421</u>	11	<u>94</u>
2	<u>49.3</u>	7	<u>5.35</u>	12	<u>698</u>
3	<u>3,885</u>	8	<u>9.6</u>	13	<u>6,684</u>
4	<u>61</u>	9	<u>1.52</u>	14	<u>252</u>
5	<u>236</u>	10	<u>451</u>	15	<u>498</u>

Sums

1	<u>229,626</u>	6	<u>235,188</u>	11	<u>188,937</u>
2	<u>161,361</u>	7	<u>124,309</u>	12	<u>74,932</u>
3	<u>150,654</u>	8	<u>94,992</u>	13	<u>127,168</u>
4	<u>143,649</u>	9	<u>104,454</u>	14	<u>135,276</u>
5	<u>70,712</u>	10	<u>28,343</u>	15	<u>136,854</u>

Mental Calculation

1	<u>261</u>	6	<u>261</u>	11	<u>315</u>
2	<u>225</u>	7	<u>189</u>	12	<u>261</u>
3	<u>261</u>	8	<u>234</u>	13	<u>279</u>
4	<u>288</u>	9	<u>252</u>	14	<u>306</u>
5	<u>297</u>	10	<u>252</u>	15	<u>288</u>