

Soroban Technology Lab

Pre-3 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	$6,230 \times 95.5 =$
2	$55.96 \times 789 =$
3	$49 \times 17,083 =$
4	$7,472 \times 220 =$
5	$57.103 \times 59 =$
6	$341 \times 3,040 =$
7	$9.44 \times 7.104 =$

8	$16.88 \times 6.76 =$
9	$62,805 \times 91 =$
10	$25 \times 49,548 =$
11	$490.3 \times 512 =$
12	$217 \times 2,686 =$
13	$8,030 \times 46.2 =$
14	$967 \times 3,713 =$
15	$831 \times 83.07 =$

Division (7 min)

1	$84,065 \div 391 =$
2	$122.043 \div 17 =$
3	$543.53 \div 56.5 =$
4	$568,428 \div 6,767 =$
5	$19,668.5 \div 283 =$
6	$558,736 \div 94 =$
7	$3,743 \div 4.75 =$

8	$29.0577 \div 7.07 =$
9	$94,416 \div 281 =$
10	$37.1745 \div 9.9 =$
11	$552,300 \div 9,205 =$
12	$228,231 \div 963 =$
13	$8,268.8 \div 108.8 =$
14	$143,184 \div 912 =$
15	$254,660 \div 476 =$

Mental Calculation (3 min)

1	2	3	4	5
20	52	52	20	19
59	64	89	83	58
16	83	37	96	40
87	70	10	47	26
34	91	64	51	73

6	7	8	9	10
57	94	12	58	31
90	30	46	30	67
81	26	70	96	40
24	15	38	41	89
36	78	95	72	52

11	12	13	14	15
70	37	72	65	10
41	65	89	40	95
36	29	45	78	48
25	80	60	19	72
89	14	31	32	63

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Pre-3 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
9,230	37,480	92,758	59,306	54,271
7,648	124	-61,403	8,241	-836
45,139	9,256	3,854	3,987	-30,914
81,056	10,438	-267	721	6,780
3,627	6,957	8,091	20,546	5,829
45,210	5,120	-1,906	6,380	-7,256
978	67,348	57,243	49,175	39,041

6	7	8	9	10
1,340	46,182	402	79,264	53,681
75,928	-37,950	47,138	8,150	7,120
42,615	1,702	1,689	-70,369	90,785
9,873	53,864	30,967	-438	1,269
6,098	2,596	5,423	1,285	46,397
35,402	-1,879	70,641	60,317	518
671	-430	5,982	-9,452	3,024

11	12	13	14	15
57,024	65,920	65,280	3,894	508
4,891	7,431	8,174	-2,761	76,491
8,053	-8,904	93,605	20,815	63,072
7,139	13,758	38,142	-903	2,895
624	-60,382	5,437	75,462	4,531
60,173	-157	8,920	-51,974	30,927
85,249	9,426	176	8,063	4,861

Answers Pre-3 Kyu

Multiplication

1	<u>594,965</u>	6	<u>1,036,640</u>	11	<u>251,033.6</u>
2	<u>44,152.44</u>	7	<u>67.06176</u>	12	<u>582,862</u>
3	<u>837,067</u>	8	<u>114.1088</u>	13	<u>370,986</u>
4	<u>1,643,840</u>	9	<u>5,715,255</u>	14	<u>3,590,471</u>
5	<u>3,369.077</u>	10	<u>1,238,700</u>	15	<u>69,031.17</u>

Division

1	<u>215</u>	6	<u>5,944</u>	11	<u>60</u>
2	<u>7.179</u>	7	<u>788</u>	12	<u>237</u>
3	<u>9.62</u>	8	<u>4.11</u>	13	<u>76</u>
4	<u>84</u>	9	<u>336</u>	14	<u>157</u>
5	<u>69.5</u>	10	<u>3,755</u>	15	<u>535</u>

Sums

1	<u>192,888</u>	6	<u>171,927</u>	11	<u>223,153</u>
2	<u>136,723</u>	7	<u>64,085</u>	12	<u>27,092</u>
3	<u>98,370</u>	8	<u>162,242</u>	13	<u>219,734</u>
4	<u>148,356</u>	9	<u>68,757</u>	14	<u>52,596</u>
5	<u>66,915</u>	10	<u>202,794</u>	15	<u>183,285</u>

Mental Calculation

1	<u>216</u>	6	<u>288</u>	11	<u>261</u>
2	<u>360</u>	7	<u>243</u>	12	<u>225</u>
3	<u>252</u>	8	<u>261</u>	13	<u>297</u>
4	<u>297</u>	9	<u>297</u>	14	<u>234</u>
5	<u>216</u>	10	<u>279</u>	15	<u>288</u>