

Soroban Technology Lab

Pre-3 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	$9.07 \times 4,667 =$
2	$4,432 \times 7.49 =$
3	$6.135 \times 337 =$
4	$83,560 \times 11 =$
5	$9,601 \times 225 =$
6	$87.7 \times 45.72 =$
7	$46 \times 29,238 =$

8	$514 \times 8,290 =$
9	$3,058 \times 665 =$
10	$7,940 \times 90.1 =$
11	$69 \times 54.016 =$
12	$1.93 \times 3,108 =$
13	$22,569 \times 80 =$
14	$70.88 \times 78.3 =$
15	$212 \times 5,904 =$

Division (7 min)

1	$16,955.6 \div 43.7 =$
2	$62,260.8 \div 68 =$
3	$250 \div 3.125 =$
4	$326,152 \div 472 =$
5	$218,394 \div 22 =$
6	$56,474 \div 374 =$
7	$1,723.68 \div 228 =$

8	$1,402.15 \div 9.67 =$
9	$370,440 \div 735 =$
10	$282,120 \div 4,702 =$
11	$168,264 \div 228 =$
12	$1,789.78 \div 821 =$
13	$314,064 \div 8,724 =$
14	$9,384 \div 4.6 =$
15	$10,260.4 \div 90.8 =$

Mental Calculation (3 min)

1	2	3	4	5
20	35	39	90	40
41	17	67	73	58
39	86	15	51	62
87	20	80	84	79
65	94	42	26	31

6	7	8	9	10
76	19	83	47	38
45	23	47	86	49
32	84	59	91	26
19	60	21	30	70
80	75	60	52	15

11	12	13	14	15
59	53	69	13	47
87	10	50	49	96
42	49	87	65	53
36	82	43	78	12
10	67	21	20	80

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Pre-3 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
84,913	69,340	561	5,480	961
2,056	-785	3,247	89,147	20,574
68,497	32,641	49,870	-7,513	32,851
2,385	9,512	36,518	-50,498	79,386
16,430	-68,970	9,026	9,536	4,890
1,059	4,803	8,542	-107	6,432
872	-2,517	13,709	26,384	7,510

6	7	8	9	10
96,438	62,057	18,537	60,983	21,039
5,721	98,423	-6,029	5,421	-847
2,035	2,139	4,673	2,975	20,675
60,147	5,684	-849	78,136	-6,914
984	7,850	-10,256	26,045	8,537
8,756	162	2,489	473	-32,609
20,391	70,934	35,701	1,908	1,845

11	12	13	14	15
279	1,456	65,390	84,709	70,413
4,531	9,782	47,981	15,283	-29,865
1,680	83,507	-537	8,760	-5,614
97,045	469	-1,908	914	7,039
6,328	30,612	2,463	3,285	98,206
69,143	3,150	-16,507	9,732	1,435
80,572	84,279	2,894	50,461	-827

Answers Pre-3 Kyu

Multiplication

1	<u>42,329.69</u>	6	<u>4,009.644</u>	11	<u>3,727.104</u>
2	<u>33,195.68</u>	7	<u>1,344,948</u>	12	<u>5,998.44</u>
3	<u>2,067.495</u>	8	<u>4,261,060</u>	13	<u>1,805.520</u>
4	<u>919,160</u>	9	<u>2,033,570</u>	14	<u>5,549.904</u>
5	<u>2,160,225</u>	10	<u>715,394</u>	15	<u>1,251,648</u>

Division

1	<u>388</u>	6	<u>151</u>	11	<u>738</u>
2	<u>915.6</u>	7	<u>7.56</u>	12	<u>2.18</u>
3	<u>80</u>	8	<u>145</u>	13	<u>36</u>
4	<u>691</u>	9	<u>504</u>	14	<u>2,040</u>
5	<u>9,927</u>	10	<u>60</u>	15	<u>113</u>

Sums

1	<u>176,212</u>	6	<u>194,472</u>	11	<u>259,578</u>
2	<u>44,024</u>	7	<u>247,249</u>	12	<u>213,255</u>
3	<u>121,473</u>	8	<u>44,266</u>	13	<u>99,776</u>
4	<u>72,429</u>	9	<u>175,941</u>	14	<u>173,144</u>
5	<u>152,604</u>	10	<u>11,726</u>	15	<u>140,787</u>

Mental Calculation

1	<u>252</u>	6	<u>252</u>	11	<u>234</u>
2	<u>252</u>	7	<u>261</u>	12	<u>261</u>
3	<u>243</u>	8	<u>270</u>	13	<u>270</u>
4	<u>324</u>	9	<u>306</u>	14	<u>225</u>
5	<u>270</u>	10	<u>198</u>	15	<u>288</u>