

Soroban Technology Lab

Pre-5 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

1	$67 \times 977 =$
2	$91 \times 710 =$
3	$217 \times 99 =$
4	$480 \times 45 =$
5	$53 \times 808 =$
6	$313 \times 38 =$
7	$220 \times 16 =$
8	$92 \times 302 =$

9	$769 \times 654 =$
10	$8,506 \times 22 =$
11	$609 \times 501 =$
12	$108 \times 860 =$
13	$55 \times 6,259 =$
14	$344 \times 147 =$
15	$478 \times 433 =$

Division (7 min)

1	$984 \div 24 =$
2	$3,360 \div 56 =$
3	$1,400 \div 25 =$
4	$3,654 \div 42 =$
5	$4,929 \div 93 =$
6	$391 \div 17 =$
7	$5,820 \div 60 =$
8	$2,184 \div 78 =$

9	$1,520 \div 10 =$
10	$61,936 \div 79 =$
11	$28,210 \div 91 =$
12	$50,215 \div 83 =$
13	$14,480 \div 40 =$
14	$28,764 \div 36 =$
15	$46,632 \div 58 =$

Mental Calculation (3 min)

1	2	3	4	5
21	57	81	78	57
69	84	63	17	30
38	20	25	92	47
47	63	70	60	82

6	7	8	9	10
37	81	18	95	43
90	73	69	61	30
24	54	20	24	71
31	60	37	70	96

11	12	13	14	15
87	40	78	97	90
91	26	43	56	31
70	57	60	37	78
32	38	95	10	46

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Pre-5 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
85	6,807	107	3,012	8,073
50	283	675	409	587
7,981	-95	2,483	-2,587	910
4,630	6,014	90	6,039	6,582
392	-3,849	6,978	-628	27
5,706	-105	4,250	-74	96
148	72	31	51	4,130

6	7	8	9	10
5,208	506	5,102	201	9,076
40	81	-39	3,679	3,248
197	2,093	741	5,410	-501
356	74	-4,058	8,026	-7,918
6,703	3,509	-563	42	602
4,185	871	10	35	-35
29	5,642	9,827	197	47

11	12	13	14	15
140	403	1,840	60	50
27	35	9,052	479	-47
6,804	-219	38	30	758
9,015	8,706	476	8,561	-129
1,637	-57	1,632	9,602	5,067
59	8,341	908	417	-2,690
824	-6,290	75	8,253	4,831

Answers Pre-5 Kyu

Multiplication

1	<u>65,459</u>	6	<u>11,894</u>	11	<u>305,109</u>
2	<u>64,610</u>	7	<u>3,520</u>	12	<u>92,880</u>
3	<u>21,483</u>	8	<u>27,784</u>	13	<u>344,245</u>
4	<u>21,600</u>	9	<u>502,926</u>	14	<u>50,568</u>
5	<u>42,824</u>	10	<u>187,132</u>	15	<u>206,974</u>

Division

1	<u>41</u>	6	<u>23</u>	11	<u>310</u>
2	<u>60</u>	7	<u>97</u>	12	<u>605</u>
3	<u>56</u>	8	<u>28</u>	13	<u>362</u>
4	<u>87</u>	9	<u>152</u>	14	<u>799</u>
5	<u>53</u>	10	<u>784</u>	15	<u>804</u>

Sums

1	<u>18,992</u>	6	<u>16,718</u>	11	<u>18,506</u>
2	<u>9,127</u>	7	<u>12,776</u>	12	<u>10,919</u>
3	<u>14,614</u>	8	<u>11,020</u>	13	<u>14,021</u>
4	<u>6,222</u>	9	<u>17,590</u>	14	<u>27,402</u>
5	<u>20,405</u>	10	<u>4,519</u>	15	<u>7,840</u>

Mental Calculation

1	<u>175</u>	6	<u>182</u>	11	<u>280</u>
2	<u>224</u>	7	<u>268</u>	12	<u>161</u>
3	<u>239</u>	8	<u>144</u>	13	<u>276</u>
4	<u>247</u>	9	<u>250</u>	14	<u>200</u>
5	<u>216</u>	10	<u>240</u>	15	<u>245</u>