Soroban Technology Lab

Pre-1 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

(Note) Round to 3 decimal places

1	7,607 ×	77,345	=
2	0.0275 ×	109.2	=
3	655,902 ×	667	=
4	72,933 ×	0.5561	=
5	0.9375 ×	0.0928	=
6	8,843 ×	5,158	=
7	40.1 ×	4.8946	=

(Note) Round to the nearest integer

8	3,464 ×	82,803	=
9	62,099 ×	7,110	=
10	8,618 ×	8,622	=
11	2,116 ×	0.0701	=
12	740 ×	0.267344	=
13	51,352 ×	3,909	=
14	38,794 ×	23.5	=
15	5,180 ×	389.4	=

Division (7 min)

(Note) Round to 3 decimal places

1	44,082,640 ÷	6,244	=
2	28,645,749 ÷	471	=
3	4.684273 ÷	5.322	=
4	2.159572 ÷	0.303	=
5	18,349,083 ÷	8,903	=
6	0.0303116 ÷	0.06889	=
7	421.959 ÷	9,813	=

(Note) Round to the nearest integer

8	73,169 ÷	0.76	=
9	15,897,365 ÷	9,967	=
10	18,680 ÷	5.58	=
11	45,180,375 ÷	71,375	=
12	38,365,316 ÷	4,162	=
13	5,467 ÷	6.248	=
14	599,064 ÷	109	=
15	31 ÷	0.0105	=

Mental Calculation (3 min)

1	2	3	4	5
673	937	60	483	301
90	56	97	59	78
306	−35	619	87	47
781	−798	435	−462	65
94	621	82	−139	302
52	40	710	50	189

6	7	8	9	10
508	15	391	208	71
93	84	748	934	532
28	290	−64	75	−368
435	86	91	916	17
97	173	−508	84	240
160	504	23	20	−95

11	12	13	14	15
198	69	351	81	623
47	835	98	952	578
956	−263	215	70	84
148	−71	90	385	70
72	809	874	21	−13
30	54	63	964	−962

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Pre-1 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
475,086	207,541	805,143	270,134	50,934
9,230	86,094	70,692	−49,058	87,605
50,471	−54,268	92,481	634,182	4,286
628,319	91,073	70,356	50,739	123,590
903,267	79,431	45,067	−549,617	92,478
5,148	−60,285	91,328	2,840	7,053
30,562	24,039	12,475	−9,571	260,195
81,497	−56,178	39,860	80,263	783,614

6	7	8	9	10
10,869	60,591	938,025	9,850	360,129
35,748	27,409	−40,276	621,574	4,785
627,081	452,098	73,529	37,092	−706,234
3,450	36,817	80,614	46,180	−1,085
61,937	25,701	−41,720	15,034	78,529
8,094	39,684	96,538	586,279	36,941
560,182	75,132	−84,251	2,384	−20,384
435,279	60,489	36,709	907,651	175,096

11	12	13	14	15
84,503	21,850	340,257	3,048	4,901
70,125	40,397	185,306	30,527	−2,087
53,907	−32,641	7,925	9,346	−503,149
18,624	58,907	504,816	80,925	95,687
30,489	21,486	13,492	173,256	73,921
62,975	973,650	80,647	689,417	−60,532
85,160	−30,721	6,053	106,378	904,853
429,317	−89,465	92,187	50,249	876,412

Answers Pre-1 Kyu

Multiplication

1	588,363,415	6	45,612,194	11	148
2	3.003	7	196.273	12	198
3	437,486,634	8	286,829,592	13	200,734,968
4	40,558.041	9	441,523,890	14	911,659
5	0.087	10	74,304,396	15	2,017,092

Division

1	7,060	6	0.44	11	633
2	60,819	7	0.043	12	9,218
3	0.880	8	96,275	13	875
4	7.127	9	1,595	14	5,496
5	2,061	10	3,348	15	2,952

Sums

1	2,183,580	6	1,742,640	11	835,100
2	317,447	7	777,921	12	963,463
3	1,227,402	8	1,059,168	13	1,230,683
4	429,912	9	2,226,044	14	1,143,146
5	1,409,755	10	−72,223	15	1,390,006

Mental Calculation

1	1,996	6	1,321	11	1,451
2	821	7	1,152	12	1,433
3	2,003	8	681	13	1,691
4	78	9	2,237	14	2,473
5	982	10	397	15	380