

Soroban Technology Lab

Pre-1 Kyu

No.		Name	
Date		Score	

Multiplication (7 min)

(Note) Round to 3 decimal places

1	$7.54894 \times 36.4 =$
2	$66,873 \times 6,588 =$
3	$0.3125 \times 0.8096 =$
4	$0.0411 \times 7,309.3 =$
5	$850 \times 0.06132 =$
6	$9,946 \times 5,676 =$
7	$4,338 \times 4,410 =$

(Note) Round to the nearest integer

8	$6,047 \times 5.057 =$
9	$320 \times 0.021875 =$
10	$5,759 \times 9,304 =$
11	$7,101 \times 88,427 =$
12	$25,732 \times 949 =$
13	$90,879 \times 2,632 =$
14	$21,206 \times 71.91 =$
15	$1,648 \times 0.3125 =$

Division (7 min)

(Note) Round to 3 decimal places

1	$1.95138 \div 2.209 =$
2	$4,912,523 \div 63,799 =$
3	$2,242,630 \div 338 =$
4	$2,145.7061 \div 65.6 =$
5	$0.0075256 \div 0.0818 =$
6	$38.917969 \div 0.7067 =$
7	$22,523,760 \div 9,810 =$

(Note) Round to the nearest integer

8	$4,073,340 \div 887.2 =$
9	$1,317 \div 0.3155 =$
10	$39,809,360 \div 46,945 =$
11	$1,545,236 \div 203 =$
12	$415,074 \div 1,254 =$
13	$1,322,181 \div 217 =$
14	$3,938 \div 0.04 =$
15	$1,016,448 \div 794.1 =$

Mental Calculation (3 min)

1	2	3	4	5
58	963	174	846	50
329	81	-63	71	821
65	160	42	29	-13
29	28	501	586	80
814	459	-638	347	596
370	37	79	10	-742

6	7	8	9	10
42	15	102	30	243
935	896	64	649	71
83	53	309	754	48
51	296	451	-12	132
429	-10	86	836	90
760	-748	72	-90	756

11	12	13	14	15
851	945	163	783	59
79	72	347	421	412
37	-87	79	59	503
58	604	506	720	-72
902	15	48	68	-49
641	-239	21	34	618

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Pre-1 Kyu Sums (7 min)

No.		Name	
Date		Score	

1	2	3	4	5
9,520	508,437	63,180	40,523	6,304
1,734	4,096	905,723	107,968	529,810
94,602	9,352	-82,534	98,714	807,435
502,718	786,024	-16,790	56,023	-729,610
367,541	35,641	75,089	49,630	-18,576
38,206	17,982	61,243	72,851	90,342
572,149	231,790	27,816	90,187	57,214
60,893	58,604	-34,509	54,236	-3,968

6	7	8	9	10
60,587	259,038	65,078	190,865	971,320
14,053	7,905	179,304	32,071	4,856
69,142	-746,590	1,659	-68,594	8,607
530,728	-5,128	807,234	-21,703	325,491
25,673	38,017	70,392	79,236	87,203
91,480	356,924	8,615	15,084	50,164
48,279	81,246	625,147	-28,410	619,403
31,506	-53,709	34,908	67,539	27,958

11	12	13	14	15
203,615	90,342	53,120	2,046	8,510
149,507	18,564	-98,547	9,304	409,267
32,190	80,359	25,609	398,745	-2,436
4,678	41,702	104,837	187,250	78,103
5,412	570,168	83,104	72,168	521,390
879,360	24,693	-96,572	34,095	-98,654
96,023	63,052	-87,364	89,603	-574,832
71,845	87,491	50,192	567,241	90,617

Answers Pre-1 Kyu

Multiplication

1	<u>274.781</u>	6	<u>56,453,496</u>	11	<u>627,920,127</u>
2	<u>440,559,324</u>	7	<u>19,130,580</u>	12	<u>24,419,668</u>
3	<u>0.253</u>	8	<u>30,580</u>	13	<u>239,193,528</u>
4	<u>300.412</u>	9	<u>7</u>	14	<u>1,524,923</u>
5	<u>52.122</u>	10	<u>53,581,736</u>	15	<u>515</u>

Division

1	<u>0.883</u>	6	<u>55.07</u>	11	<u>7.612</u>
2	<u>77</u>	7	<u>2,296</u>	12	<u>331</u>
3	<u>6,635</u>	8	<u>4,591</u>	13	<u>6,093</u>
4	<u>32.709</u>	9	<u>4,174</u>	14	<u>98,450</u>
5	<u>0.092</u>	10	<u>848</u>	15	<u>1,280</u>

Sums

1	<u>1,647,363</u>	6	<u>871,448</u>	11	<u>1,442,630</u>
2	<u>1,651,926</u>	7	<u>-62,297</u>	12	<u>976,371</u>
3	<u>999,218</u>	8	<u>1,792,337</u>	13	<u>34,379</u>
4	<u>570,132</u>	9	<u>266,088</u>	14	<u>1,360,452</u>
5	<u>738,951</u>	10	<u>2,095,002</u>	15	<u>431,965</u>

Mental Calculation

1	<u>1,665</u>	6	<u>2,300</u>	11	<u>2,568</u>
2	<u>1,728</u>	7	<u>502</u>	12	<u>1,310</u>
3	<u>95</u>	8	<u>1,084</u>	13	<u>1,164</u>
4	<u>1,889</u>	9	<u>2,167</u>	14	<u>2,085</u>
5	<u>792</u>	10	<u>1,340</u>	15	<u>1,471</u>