

Soroban Technology Lab

2 Kyu Multiplication / Division (20 min)

No.		Name	
Date		Score	

Multiplication (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$82,543 \times 4,271 =$	11	$\yen 78,056 \times 6,250 =$
2	$0.0754 \times 93.685 =$	12	$\yen 84,267 \times 19.87 =$
3	$16,390 \times 3,506 =$	13	$\yen 59,063 \times 5,349 =$
4	$3.1846 \times 0.6109 =$	14	$\yen 12,405 \times 981.4 =$
5	$0.51078 \times 57.48 =$	15	$\yen 4,139 \times 70,958 =$
6	$46,091 \times 76.24 =$	16	$\yen 68,310 \times 3,726 =$
7	$90,237 \times 8,943 =$	17	$\yen 29,378 \times 0.4715 =$
8	$673,812 \times 0.052 =$	18	$\yen 950,641 \times 862 =$
9	$72,569 \times 1,830 =$	19	$\yen 35,172 \times 0.2063 =$
10	$24,985 \times 2,197 =$	20	$\yen 98,274 \times 0.0431 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$4,136.2932 \div 869.7 =$	11	$\yen 15,110,160 \div 1,670 =$
2	$0.1152404 \div 0.0138 =$	12	$\yen 37,426,922 \div 6,023 =$
3	$34,322.933 \div 4,389 =$	13	$\yen 10,437 \div 0.568 =$
4	$0.4216135 \div 0.2563 =$	14	$\yen 3,546,182 \div 918.7 =$
5	$31,059,468 \div 5,412 =$	15	$\yen 4,669 \div 0.8974 =$
6	$5,795,640 \div 180 =$	16	$\yen 358,734 \div 45.32 =$
7	$82,636,918 \div 9,074 =$	17	$\yen 11,313,081 \div 2,509 =$
8	$374.66442 \div 6.201 =$	18	$\yen 8,692,057 \div 3,481 =$
9	$22,426,335 \div 79,245 =$	19	$\yen 57,351,896 \div 7,496 =$
10	$25,931,424 \div 3,756 =$	20	$\yen 26 \div 0.03125 =$

Soroban Technology Lab

2 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	¥ 91,052,643	¥ 293,807	¥ 95,620,347	¥ 814,256
2	3,597,062	4,159,672	69,215,430	9,681,407
3	80,371,459	12,364,098	2,931,678	37,298
4	894,206	5,410,237	-42,967	705,389
5	26,731,850	81,645	-758,041	67,590,142
6	7,208,493	68,504,293	1,529,804	12,486,093
7	146,728	79,615,380	867,513	3,169,527
8	52,910,387	3,072,146	36,490,281	58,340,761
9	4,689,175	50,893,764	-8,103,752	4,952,630
10	63,541	927,518	-57,084,396	25,073,814
Sum				

No.	5	6	7
1	¥ 63,275,940	¥ 49,680,152	¥ 48,531,620
2	934,568	6,741,928	98,416
3	-10,862,397	307,645	8,379,045
4	-25,081,476	10,894,273	-5,068,792
5	319,720	71,463,508	-6,415,309
6	7,123,648	52,976	27,903,164
7	19,785	3,265,091	132,785
8	52,496,031	8,157,364	70,654,291
9	-8,540,192	25,031,849	-32,840,957
10	-4,708,653	928,730	-726,831
Sum			

No.	8	9	10
1	¥ 384,279	¥ 85,637,104	¥ 4,825,673
2	41,869,035	9,078,231	7,593,048
3	732,164	326,485	69,047,312
4	13,948,270	-761,924	3,765,920
5	67,250,318	-50,389	58,601,437
6	5,167,904	20,475,168	14,952
7	9,506,713	1,593,072	86,902,731
8	50,694,821	4,986,753	189,564
9	29,587	-62,109,547	271,805
10	8,053,642	-96,248,310	91,430,286
Sum			

Soroban Technology Lab

2 Kyu Receipts (8 min)

No.		Name	
Date		Score	

pp. 1–10	(1)	(2)	(3)	(4)	(5)
pp. 11–20	(6)	(7)	(8)	(9)	(10)

2 Kyu Receipts (8 min)

2 Kyu Receipts (8 min)				
(1) ¥	2			
(2) ¥	/ 6,749			
(3) ¥	89,324			
(4) ¥	3,048,597			
(5) ¥	7,928			
(1) ¥	210,894			
(1) ¥	3			
(2) ¥	1			
(3) ¥	948,652			
(4) ¥	3,157			
(5) ¥	60,231			
(1) ¥	2,741,035			
(2) ¥	86,317			

2 Kyu Receipts (8 min)

6		4	
(1)	<u>¥ 4,861,702</u>	(1)	<u>¥ 791,250</u>
(2)	<u>¥ 6,947,328</u>	(2)	<u>¥ 70,695</u>
(3)	<u>¥ 4,951,738</u>	(3)	<u>¥ 7,054</u>
(4)	<u>¥ 135,746</u>	(4)	<u>¥ 58,769</u>
(5)	<u>¥ 734,910</u>	(5)	<u>¥ 6,895,042</u>
7		5	
(1)	<u>¥ 30,498</u>	(1)	<u>¥ 6,207,534</u>
(2)	<u>¥ 461,702</u>	(2)	<u>¥ 2,815,037</u>
(3)	<u>¥ 624,803</u>	(3)	<u>¥ 104,267</u>
(4)	<u>¥ 9,083,671</u>	(4)	<u>¥ 420,518</u>
(5)	<u>¥ 6,734</u>	(5)	<u>¥ 42,685</u>

2 Kyu Receipts (8 min)

10		8	
(1)	<u>¥ 389,075</u>	(1)	<u>¥ 5,316</u>
(2)	<u>¥ 198,276</u>	(2)	<u>¥ 9,503,468</u>
(3)	<u>¥ 815,629</u>	(3)	<u>¥ 96,175</u>
(4)	<u>¥ 3,679,851</u>	(4)	<u>¥ 65,204</u>
(5)	<u>¥ 1,329,578</u>	(5)	<u>¥ 5,672,901</u>
The next pages are questions (6)–(10).		9	
		(1)	<u>¥ 8,654,123</u>
		(2)	<u>¥ 650,149</u>
		(3)	<u>¥ 2,738,490</u>
		(4)	<u>¥ 892,340</u>
		(5)	<u>¥ 3,408,156</u>

2 Kyu Receipts (8 min)

13		11	
(1)	¥ <u>7,186,953</u>	(1)	¥ <u>34,258</u>
(2)	¥ <u>38,690</u>	(2)	¥ <u>86,279</u>
(3)	¥ <u>864,917</u>	(3)	¥ <u>7,039,462</u>
(4)	¥ <u>184,639</u>	(4)	¥ <u>504,298</u>
(5)	¥ <u>280,461</u>	(5)	¥ <u>879,502</u>
14		12	
(1)	¥ <u>4,653,270</u>	(1)	¥ <u>860,137</u>
(2)	¥ <u>4,231</u>	(2)	¥ <u>6,840,157</u>
(3)	¥ <u>3,851</u>	(3)	¥ <u>1,783,250</u>
(4)	¥ <u>7,650,312</u>	(4)	¥ <u>20,573</u>
(5)	¥ <u>504,723</u>	(5)	¥ <u>1,956,843</u>

2 Kyu Receipts (8 min)

17		15	
(1)	¥ 98,716	(1)	¥ 1,079,428
(2)	¥ 1,396,805	(2)	¥ 5,082,149
(3)	¥ 9,425,183	(3)	¥ 41,638
(4)	¥ 8,539	(4)	¥ 9,716,428
(5)	¥ 1,825	(5)	¥ 69,135
18		16	
(1)	¥ 920,435	(1)	¥ 241,309
(2)	¥ 275,413	(2)	¥ 3,620,754
(3)	¥ 6,908,374	(3)	¥ 57,204
(4)	¥ 67,280	(4)	¥ 4,971,065
(5)	¥ 9,172,634	(5)	¥ 48,076

2 Kyu Receipts (8 min)

19	
(1)	<u>¥ 6,704,582</u>
(2)	<u>¥ 967,328</u>
(3)	<u>¥ 290,561</u>
(4)	<u>¥ 345,126</u>
(5)	<u>¥ 3,720,459</u>
20	
(1)	<u>¥ 5,691</u>
(2)	<u>¥ 701,594</u>
(3)	<u>¥ 576,029</u>
(4)	<u>¥ 1,493,807</u>
(5)	<u>¥ 7,613,980</u>

Answers 2 Kyu

Multiplication

1	<u>352,541,153</u>	6	<u>3,513,977.84</u>	11	<u>¥487,850,000</u>	16	<u>¥254,523,060</u>
2	<u>7.064</u>	7	<u>806,989,491</u>	12	<u>¥1,674,385</u>	17	<u>¥13,852</u>
3	<u>57,463,340</u>	8	<u>35,038.224</u>	13	<u>¥315,927,987</u>	18	<u>¥819,452,542</u>
4	<u>1.945</u>	9	<u>132,801,270</u>	14	<u>¥12,174,267</u>	19	<u>¥7,256</u>
5	<u>29.360</u>	10	<u>54,892,045</u>	15	<u>¥293,695,162</u>	20	<u>¥4,236</u>

Division

1	<u>4.756</u>	6	<u>32,198</u>	11	<u>¥9,048</u>	16	<u>¥7,916</u>
2	<u>8.351</u>	7	<u>9,107</u>	12	<u>¥6,214</u>	17	<u>¥4,509</u>
3	<u>7.820</u>	8	<u>60.42</u>	13	<u>¥18,375</u>	18	<u>¥2,497</u>
4	<u>1.645</u>	9	<u>283</u>	14	<u>¥3,860</u>	19	<u>¥7,651</u>
5	<u>5,739</u>	10	<u>6,904</u>	15	<u>¥5,203</u>	20	<u>¥832</u>

Sums

1	<u>¥267,665,544</u>	6	<u>¥176,523,516</u>
2	<u>¥225,322,560</u>	7	<u>¥110,647,432</u>
3	<u>¥140,665,897</u>	8	<u>¥197,636,733</u>
4	<u>¥182,851,317</u>	9	<u>-¥37,073,357</u>
5	<u>¥74,976,974</u>	10	<u>¥322,642,728</u>

Receipts

1	<u>¥23,984,730</u>	6	<u>¥21,784,779</u>
2	<u>¥25,763,967</u>	7	<u>¥19,013,400</u>
3	<u>¥17,730,900</u>	8	<u>¥26,990,469</u>
4	<u>¥23,989,194</u>	9	<u>¥24,962,067</u>
5	<u>¥19,344,537</u>	10	<u>¥24,247,638</u>