

Soroban Technology Lab

3 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	$0.2179 \times 0.046 =$	11	$¥ 6,798 \times 180 =$
2	$796.1 \times 70.5 =$	12	$¥ 3,645 \times 362 =$
3	$1,302 \times 410 =$	13	$¥ 9,120 \times 435 =$
4	$62,487 \times 97 =$	14	$¥ 1,906 \times 5.64 =$
5	$5,034 \times 261 =$	15	$¥ 8,362 \times 207 =$
6	$3,695 \times 583 =$	16	$¥ 254 \times 0.0419 =$
7	$9,486 \times 3.72 =$	17	$¥ 8,043 \times 0.921 =$
8	$0.0728 \times 0.639 =$	18	$¥ 5,307 \times 678 =$
9	$450 \times 1,258 =$	19	$¥ 7,281 \times 89.5 =$
10	$8,153 \times 8.94 =$	20	$¥ 41,759 \times 0.73 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$315,364 \div 3,218 =$	11	$¥ 2,160 \div 3.75 =$
2	$144,018 \div 254 =$	12	$¥ 88 \div 0.704 =$
3	$45,838.8 \div 64.2 =$	13	$¥ 605 \div 0.625 =$
4	$381,087 \div 789 =$	14	$¥ 275,937 \div 893 =$
5	$538.829 \div 896 =$	15	$¥ 394,338 \div 9,618 =$
6	$139.2 \div 0.435 =$	16	$¥ 17,711 \div 2.9 =$
7	$0.73146 \div 5.01 =$	17	$¥ 401,988 \div 482 =$
8	$146,064 \div 17 =$	18	$¥ 111,020 \div 140 =$
9	$231,830 \div 970 =$	19	$¥ 452,154 \div 537 =$
10	$0.004725 \div 0.063 =$	20	$¥ 4 \div 0.016 =$

Soroban Technology Lab

3 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 825,173	¥ 631	¥ 3,276	¥ 53,208	¥ 8,417
2	7,860	2,764	891,045	847,096	70,698
3	694	75,092	268	28,731	482,503
4	480,926	520,367	-12,305	10,426	-652
5	56,173	894,105	-6,471	4,590	-504,916
6	9,205	3,827	37,984	605,147	247,160
7	394,057	81,549	728,503	9,813	39,275
8	13,689	936,480	-965,710	362	-95,381
9	41,752	108,253	-49,826	591,274	-3,847
10	208,431	49,716	504,139	736,985	126,039
Sum					

No.	6	7	8	9	10
1	¥ 574,092	¥ 138,059	¥ 87,435	¥ 874,205	¥ 13,256
2	7,583	976,102	710,968	60,918	908,143
3	35,046	4,568	601,325	9,263	89,406
4	123,760	-42,170	2,069	103,549	571,920
5	6,819	-3,984	58,704	-51,387	7,835
6	18,437	735	379,640	-25,679	769
7	80,659	690,371	93,851	6,841	30,187
8	461,302	27,643	265,174	437,120	256,974
9	259,741	-561,820	4,283	-762	645,028
10	928	-85,294	192	-398,054	4,312
Sum					

Soroban Technology Lab

3 Kyu Receipts (8 min)

No.		Name	
Date		Score	

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

3 Kyu Receipts (8 min)

3 Kyu Receipts (8 min)			
(1) ¥	850		
(2) ¥	907		
(3) ¥	50,318		
(4) ¥	8,521		
(5) ¥	742		
		1	
(1) ¥	68,034	(1) ¥	4,627
(2) ¥	321	(2) ¥	1,849
(3) ¥	675	(3) ¥	7,642
(4) ¥	80,132	(4) ¥	29,467
(5) ¥	3,017	(5) ¥	98,036

3 Kyu Receipts (8 min)

6		4	
(1)	¥ <u>265</u>	(1)	¥ <u>72,419</u>
(2)	¥ <u>63,174</u>	(2)	¥ <u>7,836</u>
(3)	¥ <u>4,763</u>	(3)	¥ <u>9,028</u>
(4)	¥ <u>456</u>	(4)	¥ <u>67,098</u>
(5)	¥ <u>4,253</u>	(5)	¥ <u>594</u>
7		5	
(1)	¥ <u>9,832</u>	(1)	¥ <u>5,701</u>
(2)	¥ <u>2,605</u>	(2)	¥ <u>492</u>
(3)	¥ <u>136</u>	(3)	¥ <u>85,490</u>
(4)	¥ <u>5,943</u>	(4)	¥ <u>903</u>
(5)	¥ <u>2,648</u>	(5)	¥ <u>69,178</u>

3 Kyu Receipts (8 min)

10		8	
(1) ¥	986	(1) ¥	17,043
(2) ¥	80,753	(2) ¥	5,260
(3) ¥	9 / 5	(3) ¥	21,804
(4) ¥	7 / 2	(4) ¥	3,654
(5) ¥	865	(5) ¥	17,302
The next pages are questions (6)–(10).		9	
		(1) ¥	3,195
		(2) ¥	59,184
		(3) ¥	3,279
		(4) ¥	1,870
		(5) ¥	5,190

3 Kyu Receipts (8 min)

13		11	
(1)	¥	(1)	¥
26,071		2,895	
(2)	¥	(2)	¥
865		72,409	
(3)	¥	(3)	¥
192		95,071	
(4)	¥	(4)	¥
7,648		4,926	
(5)	¥	(5)	¥
627		7,489	
14		12	
(1)	¥	(1)	¥
685		1,304	
(2)	¥	(2)	¥
957		583	
(3)	¥	(3)	¥
79,023		3,608	
(4)	¥	(4)	¥
6,107		5,013	
(5)	¥	(5)	¥
251		503	

3 Kyu Receipts (8 min)

17		15	
(1)	<u>¥ 938</u>	(1)	<u>¥ 7,214</u>
(2)	<u>¥ 4,631</u>	(2)	<u>¥ 18,742</u>
(3)	<u>¥ 576</u>	(3)	<u>¥ 6,410</u>
(4)	<u>¥ 92,730</u>	(4)	<u>¥ 584</u>
(5)	<u>¥ 9,318</u>	(5)	<u>¥ 8,043</u>
18		16	
(1)	<u>¥ 59,410</u>	(1)	<u>¥ 367</u>
(2)	<u>¥ 1,072</u>	(2)	<u>¥ 3,096</u>
(3)	<u>¥ 487</u>	(3)	<u>¥ 4,853</u>
(4)	<u>¥ 269</u>	(4)	<u>¥ 83,295</u>
(5)	<u>¥ 60,579</u>	(5)	<u>¥ 35,762</u>

3 Kyu Receipts (8 min)

19	
(1) ¥	<u>4,793</u>
(2) ¥	<u>20,914</u>
(3) ¥	<u>21,934</u>
(4) ¥	<u>371</u>
(5) ¥	<u>42,186</u>
20	
(1) ¥	<u>80,526</u>
(2) ¥	<u>6,358</u>
(3) ¥	<u>8,265</u>
(4) ¥	<u>18,450</u>
(5) ¥	<u>1,940</u>

Answers 3 Kyu

Multiplication

1	<u>0.010</u>	6	<u>2,154,185</u>	11	<u>¥1,223,640</u>	16	<u>¥11</u>
2	<u>56,125.05</u>	7	<u>35,287.92</u>	12	<u>¥1,319,490</u>	17	<u>¥7,408</u>
3	<u>533,820</u>	8	<u>0.047</u>	13	<u>¥3,967,200</u>	18	<u>¥3,598,146</u>
4	<u>6,061,239</u>	9	<u>566,100</u>	14	<u>¥10,750</u>	19	<u>¥651,650</u>
5	<u>1,313,874</u>	10	<u>72,887.82</u>	15	<u>¥1,730,934</u>	20	<u>¥30,484</u>

Division

1	<u>98</u>	6	<u>320</u>	11	<u>¥576</u>	16	<u>¥6,107</u>
2	<u>567</u>	7	<u>0.146</u>	12	<u>¥125</u>	17	<u>¥834</u>
3	<u>714</u>	8	<u>8,592</u>	13	<u>¥968</u>	18	<u>¥793</u>
4	<u>483</u>	9	<u>239</u>	14	<u>¥309</u>	19	<u>¥842</u>
5	<u>0.601</u>	10	<u>0.075</u>	15	<u>¥41</u>	20	<u>¥250</u>

Sums

1	<u>¥2,037,960</u>	6	<u>¥1,568,367</u>
2	<u>¥2,672,784</u>	7	<u>¥1,144,210</u>
3	<u>¥1,130,903</u>	8	<u>¥2,203,641</u>
4	<u>¥2,887,632</u>	9	<u>¥1,016,014</u>
5	<u>¥369,296</u>	10	<u>¥2,527,830</u>

Receipts

1	<u>¥182,952</u>	6	<u>¥184,203</u>
2	<u>¥222,381</u>	7	<u>¥129,627</u>
3	<u>¥184,050</u>	8	<u>¥220,419</u>
4	<u>¥198,756</u>	9	<u>¥219,393</u>
5	<u>¥201,825</u>	10	<u>¥166,698</u>