

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	$0.76259 \times 736.8 =$	11	$¥ 46,123 \times 5,827 =$
2	$97,218 \times 1,856 =$	12	$¥ 850,197 \times 6.18 =$
3	$50,437 \times 9,025 =$	13	$¥ 43,768 \times 2,456 =$
4	$89,304 \times 5,673 =$	14	$¥ 15,079 \times 9,054 =$
5	$0.02581 \times 3.954 =$	15	$¥ 2,394 \times 0.13085 =$
6	$17,036 \times 8,140 =$	16	$¥ 91,680 \times 8,793 =$
7	$25,460 \times 230.9 =$	17	$¥ 65,492 \times 3,690 =$
8	$678.13 \times 0.4287 =$	18	$¥ 58,076 \times 0.0279 =$
9	$4,892 \times 67,491 =$	19	$¥ 73,205 \times 0.7412 =$
10	$346,915 \times 0.012 =$	20	$¥ 34,821 \times 43.61 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$0.1236438 \div 0.0126 =$	11	$¥ 37,998,242 \div 5,279 =$
2	$86.13385 \div 238.79 =$	12	$¥ 3,507 \div 0.8016 =$
3	$56,855,900 \div 940 =$	13	$¥ 57,724,632 \div 6,483 =$
4	$32,191,320 \div 6,051 =$	14	$¥ 46,986,348 \div 732 =$
5	$68,343,264 \div 7,614 =$	15	$¥ 26,799,773 \div 4,571 =$
6	$27.09321 \div 12.85 =$	16	$¥ 3,010 \div 0.3125 =$
7	$0.7106187 \div 0.4063 =$	17	$¥ 6,217,360 \div 2,480 =$
8	$64,829.978 \div 8,537 =$	18	$¥ 6,700,957 \div 905.4 =$
9	$34,400,986 \div 5,498 =$	19	$¥ 446,469 \div 1,369.7 =$
10	$17,087,544 \div 3,972 =$	20	$¥ 121 \div 0.0968 =$

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2 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	≠ 38,025	≠ 26,741	≠ 35,217,496	≠ 8,206,731
2	549,731	537,862	3,065,819	58,943
3	24,835,067	942,358	60,548,273	184,295
4	6,359,812	60,139,584	194,806	736,148
5	49,761,285	8,691,075	-8,472,013	96,512,780
6	1,403,926	3,249,601	-4,701,532	3,025,479
7	7,618,340	42,875,390	926,158	27,341,906
8	62,094,571	75,301,286	79,634	62,910,857
9	83,176,409	9,018,457	-51,387,920	5,463,021
10	920,758	17,460,923	-29,850,467	49,870,365
Sum				

No.	5	6	7
1	≠ 153,980	≠ 23,170,965	≠ 50,631,974
2	81,094,627	4,598,230	129,045
3	-3,507,168	8,472,361	-85,213
4	-732,481	50,794	-6,724,805
5	69,037	7,048,625	89,376,120
6	46,357,812	89,703,156	43,857,916
7	2,946,503	917,248	2,069,481
8	20,415,679	364,152	38,504,672
9	-54,820,796	10,635,489	-972,538
10	-9,281,354	61,829,073	-7,410,369
Sum			

No.	8	9	10
1	≠ 954,786	≠ 7,548,036	≠ 50,627,381
2	89,613,270	413,629	85,139
3	6,138,509	-5,182,497	4,296,058
4	21,746	-90,648,375	29,401,876
5	12,345,089	25,189	920,437
6	3,810,625	89,034,621	6,041,825
7	21,047,398	64,751,280	1,764,593
8	706,954	-379,502	378,219
9	40,579,823	-73,206,815	43,859,760
10	5,264,137	1,930,764	72,513,604
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		
(1)	¥	31,724		
(2)	¥	3,784		
(3)	¥	63,107		
(4)	¥	97,432		
(5)	¥	2,193,460		
		3	1	
(1)	¥	9,318	(1)	¥ 253,687
(2)	¥	5,032,879	(2)	¥ 8,190,253
(3)	¥	1,536,048	(3)	¥ 3,895,420
(4)	¥	7,013,298	(4)	¥ 45,086
(5)	¥	836,159	(5)	¥ 40,258

2 Kyu Receipts (8 min)

6		4	
(1)	<u>¥ 14,782</u>	(1)	<u>¥ 4,092,653</u>
(2)	<u>¥ 651,702</u>	(2)	<u>¥ 913,465</u>
(3)	<u>¥ 928,147</u>	(3)	<u>¥ 2,976</u>
(4)	<u>¥ 1,968,507</u>	(4)	<u>¥ 1,740</u>
(5)	<u>¥ 609,723</u>	(5)	<u>¥ 972,048</u>
7		5	
(1)	<u>¥ 5,460,931</u>	(1)	<u>¥ 906,145</u>
(2)	<u>¥ 74,638</u>	(2)	<u>¥ 25,984</u>
(3)	<u>¥ 7,309,651</u>	(3)	<u>¥ 456,392</u>
(4)	<u>¥ 624,135</u>	(4)	<u>¥ 8,436,295</u>
(5)	<u>¥ 16,284</u>	(5)	<u>¥ 7,584</u>

2 Kyu Receipts (8 min)

10		8	
(1)	¥ <u>673,208</u>	(1)	¥ <u>8,725,094</u>
(2)	¥ <u>482,016</u>	(2)	¥ <u>1,367,290</u>
(3)	¥ <u>174,289</u>	(3)	¥ <u>5,642,870</u>
(4)	¥ <u>3,180,924</u>	(4)	¥ <u>507,861</u>
(5)	¥ <u>3,754,801</u>	(5)	¥ <u>5,061,397</u>
The next pages are questions (6)–(10).		9	
		(1)	¥ <u>7,180,569</u>
		(2)	¥ <u>6,749,501</u>
		(3)	¥ <u>80,513</u>
		(4)	¥ <u>273,659</u>
		(5)	¥ <u>7,325,916</u>

2 Kyu Receipts (8 min)

13		11	
(1)	¥	(1)	¥
4,607,251		5,478,193	
(2)	¥	(2)	¥
517,263		270,631	
(3)	¥	(3)	¥
974,251		5,168,320	
(4)	¥	(4)	¥
53,841		7,159,026	
(5)	¥	(5)	¥
2,459,613		4,753,018	
14		12	
(1)	¥	(1)	¥
8,369,042		6,905	
(2)	¥	(2)	¥
7,806,549		54,982	
(3)	¥	(3)	¥
798,465		4,635,708	
(4)	¥	(4)	¥
8,297		1,738,605	
(5)	¥	(5)	¥
3,210,465		67,482	

2 Kyu Receipts (8 min)

17		15	
(1)	¥ / 5,762	(1)	¥ 21,806
(2)	¥ / 897	(2)	¥ 4,782,930
(3)	¥ 9,325,706	(3)	¥ 270,134
(4)	¥ 6,971,420	(4)	¥ 9,012,736
(5)	¥ 923,587	(5)	¥ 5,278
18		16	
(1)	¥ 748,930	(1)	¥ 287,534
(2)	¥ 694,015	(2)	¥ 8,135,024
(3)	¥ 3,914	(3)	¥ 19,028
(4)	¥ 385,704	(4)	¥ 49,685
(5)	¥ 92,106	(5)	¥ 7,041,639

2 Kyu Receipts (8 min)

19	
(1)	<u>₹ 3,094,618</u>
(2)	<u>₹ 32,167</u>
(3)	<u>₹ 81,692</u>
(4)	<u>₹ 420,368</u>
(5)	<u>₹ 108,954</u>
20	
(1)	<u>₹ 953,127</u>
(2)	<u>₹ 9,068,354</u>
(3)	<u>₹ 6,507,483</u>
(4)	<u>₹ 294,513</u>
(5)	<u>₹ 836,790</u>

Answers 2 Kyu

Multiplication

1	<u>561.876</u>	6	<u>138,673,040</u>	11	<u>¥268,758,721</u>	16	<u>¥806,142,240</u>
2	<u>180,436,608</u>	7	<u>5,878,714</u>	12	<u>¥5,254,217</u>	17	<u>¥241,665,480</u>
3	<u>455,193,925</u>	8	<u>290.714</u>	13	<u>¥107,494,208</u>	18	<u>¥1,620</u>
4	<u>506,621,592</u>	9	<u>330,165,972</u>	14	<u>¥136,525,266</u>	19	<u>¥54,260</u>
5	<u>0.102</u>	10	<u>4,162.98</u>	15	<u>¥313</u>	20	<u>¥1,518,544</u>

Division

1	<u>9.813</u>	6	<u>2.108</u>	11	<u>¥7,198</u>	16	<u>¥9,632</u>
2	<u>0.361</u>	7	<u>1.749</u>	12	<u>¥4,375</u>	17	<u>¥2,507</u>
3	<u>60,485</u>	8	<u>7.594</u>	13	<u>¥8,904</u>	18	<u>¥7,401</u>
4	<u>5,320</u>	9	<u>6,257</u>	14	<u>¥64,189</u>	19	<u>¥326</u>
5	<u>8,976</u>	10	<u>4,302</u>	15	<u>¥5,863</u>	20	<u>¥1,250</u>

Sums

1	<u>¥236,757,924</u>	6	<u>¥206,790,093</u>
2	<u>¥218,243,277</u>	7	<u>¥209,376,283</u>
3	<u>¥5,620,254</u>	8	<u>¥180,482,337</u>
4	<u>¥254,310,525</u>	9	<u>-¥5,713,670</u>
5	<u>¥82,695,839</u>	10	<u>¥209,888,892</u>

Receipts

1	<u>¥27,348,111</u>	6	<u>¥23,583,168</u>
2	<u>¥23,491,512</u>	7	<u>¥31,363,812</u>
3	<u>¥20,089,413</u>	8	<u>¥27,784,701</u>
4	<u>¥22,148,937</u>	9	<u>¥26,094,195</u>
5	<u>¥20,817,630</u>	10	<u>¥19,498,932</u>