

Soroban Technology Lab

1 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	$938,652 \times 12,075 =$	11	$¥ 139,256 \times 0.80564 =$
2	$516,970 \times 0.04712 =$	12	$¥ 852,401 \times 72,509 =$
3	$627,905 \times 69,874 =$	13	$¥ 93,487 \times 421,695 =$
4	$428,516 \times 45,890 =$	14	$¥ 5,789,012 \times 3,410 =$
5	$32,708 \times 736,541 =$	15	$¥ 468,790 \times 26,873 =$
6	$0.168294 \times 5,321.8 =$	16	$¥ 630,425 \times 0.04978 =$
7	$8,361,749 \times 3,829 =$	17	$¥ 329,648 \times 153.26 =$
8	$703,541 \times 0.81563 =$	18	$¥ 750,614 \times 51,792 =$
9	$0.084317 \times 2,093.6 =$	19	$¥ 380,719 \times 6,834.7 =$
10	$20,945.3 \times 946.07 =$	20	$¥ 251,673 \times 0.93801 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$0.99918384 \div 0.05176 =$	11	$¥ 17,080 \div 0.36701 =$
2	$2,390,458,607 \div 65,347 =$	12	$¥ 604,489 \div 10.375 =$
3	$857,304,960 \div 20,648 =$	13	$¥ 6,018,353,808 \div 8,912 =$
4	$2,948,936,919 \div 4,093 =$	14	$¥ 5,970,430,206 \div 78,453 =$
5	$2,400,999.635 \div 38,021 =$	15	$¥ 8,029 \div 0.08496 =$
6	$83,745 \div 1,582.9 =$	16	$¥ 5,282,188,898 \div 59,038 =$
7	$1,811,799,705 \div 84,715 =$	17	$¥ 13,734 \div 0.62784 =$
8	$5,738,275,350 \div 591,270 =$	18	$¥ 103,007,972 \div 26,145.9 =$
9	$6,482,917.224 \div 739.62 =$	19	$¥ 7,432,105,050 \div 92,650 =$
10	$669.6567552 \div 0.96384 =$	20	$¥ 831,322,212 \div 43,217 =$

Soroban Technology Lab

1 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	¥ 5,067,192	¥ 8,690,572	¥ 169,453	¥ 60,924,581
2	418,653	39,561,248	582,307	8,031,647
3	68,273,504	178,364	34,275,860	702,654,893
4	754,630,819	453,809	-7,962,514	723,615
5	97,502,431	143,529,087	-13,208,795	547,938
6	1,798,620	6,870,312,495	9,165,843,207	4,769,201
7	2,986,530,174	7,263,104	8,920,354,671	9,571,680,324
8	349,286	501,986,723	-6,018,349	293,178,450
9	8,620,491,375	92,047,516	-479,180,632	1,359,402,786
10	432,185,097	2,716,834,950	258,497,016	35,816,029
Sum				

No.	5	6	7
1	¥ 638,912	¥ 40,318,265	¥ 513,462
2	569,704	3,086,521,974	3,240,197,856
3	706,128,453	5,783,491	785,329
4	8,074,256,139	14,236,509	4,371,085
5	-5,821,740	7,190,638	-9,560,431
6	-459,376,082	659,247	-2,607,981,543
7	38,140,579	8,592,036,471	815,609,274
8	92,714,635	748,012	193,048,726
9	-2,147,905,368	238,964,750	-61,832,907
10	-1,032,896	953,807,126	-78,254,690
Sum			

No.	8	9	10
1	¥ 8,140,753	¥ 147,069	¥ 31,284,590
2	621,398	98,654,320	874,395,016
3	29,085,764	-187,593	402,638
4	140,752,698	-3,062,815	23,896,701
5	495,208,317	620,849,137	7,148,532
6	641,023	504,731,296	956,274
7	3,429,576	85,270,143	7,310,429,865
8	9,607,835,421	7,492,568	508,617,942
9	76,913,805	-4,361,208,957	1,952,063,487
10	5,982,367,140	-2,856,913,704	6,730,159
Sum			

Soroban Technology Lab

1 Kyu Receipts (8 min)

No.		Name	
Date		Score	

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

1 Kyu Receipts (8 min)

1 Kyu Receipts (8 min)				
		2		
(1)	¥	542,173,809		
(2)	¥	97,328,140		
(3)	¥	946,257,380		
(4)	¥	940,138		
(5)	¥	749,023		
		3	1	
(1)	¥	16,837,520	(1)	¥ 85,432
(2)	¥	61,905	(2)	¥ 756,984,203
(3)	¥	38,569	(3)	¥ 58,190,764
(4)	¥	298,564,301	(4)	¥ 34,708,521
(5)	¥	5,286,470	(5)	¥ 427,610,389

1 Kyu Receipts (8 min)

6		4	
(1)	¥ <u>295,748</u>	(1)	¥ <u>701,364,958</u>
(2)	¥ <u>89,604,253</u>	(2)	¥ <u>5,429,867</u>
(3)	¥ <u>24,853,096</u>	(3)	¥ <u>89,401,275</u>
(4)	¥ <u>59,173,024</u>	(4)	¥ <u>238,769</u>
(5)	¥ <u>98,306,571</u>	(5)	¥ <u>35,917</u>
7		5	
(1)	¥ <u>90,514,263</u>	(1)	¥ <u>457,930,126</u>
(2)	¥ <u>248,715</u>	(2)	¥ <u>403,162,789</u>
(3)	¥ <u>1,725,639</u>	(3)	¥ <u>318,457</u>
(4)	¥ <u>80,465,912</u>	(4)	¥ <u>401,657,982</u>
(5)	¥ <u>571,239</u>	(5)	¥ <u>19,482,306</u>

10		8	
(1)	¥ <u>65,701,234</u>	(1)	¥ <u>682,079</u>
(2)	¥ <u>34,890,571</u>	(2)	¥ <u>172,536,094</u>
(3)	¥ <u>470,582,613</u>	(3)	¥ <u>762,039,148</u>
(4)	¥ <u>7,021,653</u>	(4)	¥ <u>16,487</u>
(5)	¥ <u>802,954,613</u>	(5)	¥ <u>63,027,854</u>
The next pages are questions (6)–(10).		9	
		(1)	¥ <u>3,046,981</u>
		(2)	¥ <u>713,628</u>
		(3)	¥ <u>671,420</u>
		(4)	¥ <u>642,859,370</u>
		(5)	¥ <u>270,195,468</u>

1 Kyu Receipts (8 min)

13		11	
(1)	¥ <u>607,951,432</u>	(1)	¥ <u>382,017</u>
(2)	¥ <u>468,091</u>	(2)	¥ <u>834,910,657</u>
(3)	¥ <u>53,480,167</u>	(3)	¥ <u>72,310</u>
(4)	¥ <u>194,372,085</u>	(4)	¥ <u>76,425</u>
(5)	¥ <u>901,735,286</u>	(5)	¥ <u>954,601</u>
14		12	
(1)	¥ <u>58,207,163</u>	(1)	¥ <u>85,079,243</u>
(2)	¥ <u>90,216,548</u>	(2)	¥ <u>1,389,476</u>
(3)	¥ <u>620,795,381</u>	(3)	¥ <u>84,027,593</u>
(4)	¥ <u>67,528,910</u>	(4)	¥ <u>28,635,704</u>
(5)	¥ <u>60,457,913</u>	(5)	¥ <u>103,842</u>

1 Kyu Receipts (8 min)

17		15	
(1)	¥ <u>42,130,569</u>	(1)	¥ <u>16,589</u>
(2)	¥ <u>56,874,209</u>	(2)	¥ <u>748,152,390</u>
(3)	¥ <u>36,107,489</u>	(3)	¥ <u>921,758</u>
(4)	¥ <u>46,701,923</u>	(4)	¥ <u>103,694</u>
(5)	¥ <u>418,263,075</u>	(5)	¥ <u>29,674,351</u>
18		16	
(1)	¥ <u>643,721</u>	(1)	¥ <u>210,587,934</u>
(2)	¥ <u>29,037,581</u>	(2)	¥ <u>23,674</u>
(3)	¥ <u>471,583,026</u>	(3)	¥ <u>198,352,046</u>
(4)	¥ <u>3,084,152</u>	(4)	¥ <u>930,256,187</u>
(5)	¥ <u>81,739</u>	(5)	¥ <u>7,549,826</u>

1 Kyu Receipts (8 min)

19	
(1)	<u>¥ 9,764,108</u>
(2)	<u>¥ 305,749,826</u>
(3)	<u>¥ 649,231</u>
(4)	<u>¥ 849,536</u>
(5)	<u>¥ 574,328,610</u>
20	
(1)	<u>¥ 736,429,850</u>
(2)	<u>¥ 602,135</u>
(3)	<u>¥ 2,864,975</u>
(4)	<u>¥ 509,417,268</u>
(5)	<u>¥ 36,890,524</u>

Answers 1 Kyu

Multiplication

1	<u>11,334,222,900</u>	8	<u>573,829.146</u>	15	<u>¥12,597,793,670</u>
2	<u>24,359.626</u>	9	<u>176.526</u>	16	<u>¥31,383</u>
3	<u>43,874,233,970</u>	10	<u>19,815,719.971</u>	17	<u>¥50,521,852</u>
4	<u>19,664,599,240</u>	11	<u>¥112,190</u>	18	<u>¥38,875,800,288</u>
5	<u>24,090,783,028</u>	12	<u>¥61,806,744,109</u>	19	<u>¥2,602,100,149</u>
6	<u>895.627</u>	13	<u>¥39,423,000,465</u>	20	<u>¥236,072</u>
7	<u>32,017,136,921</u>	14	<u>¥19,740,530,920</u>		

Division

1	<u>19.304</u>	6	<u>52.906</u>	11	<u>¥46,538</u>	16	<u>¥89,471</u>
2	<u>36,581</u>	7	<u>21,387</u>	12	<u>¥58,264</u>	17	<u>¥21,875</u>
3	<u>41,520</u>	8	<u>9,705</u>	13	<u>¥675,309</u>	18	<u>¥3,940</u>
4	<u>720,483</u>	9	<u>8,765.2</u>	14	<u>¥76,102</u>	19	<u>¥80,217</u>
5	<u>63.149</u>	10	<u>694.78</u>	15	<u>¥94,503</u>	20	<u>¥19,236</u>

Sums

1	<u>¥12,967,247,151</u>	6	<u>¥12,940,266,483</u>
2	<u>¥10,380,857,868</u>	7	<u>¥1,496,896,161</u>
3	<u>¥17,873,352,224</u>	8	<u>¥16,344,995,895</u>
4	<u>¥12,037,729,464</u>	9	<u>-¥5,904,228,536</u>
5	<u>¥6,298,312,336</u>	10	<u>¥10,715,925,204</u>

Receipts

1	<u>¥1,878,632,150</u>	6	<u>¥1,751,192,626</u>
2	<u>¥1,560,960,165</u>	7	<u>¥2,067,424,587</u>
3	<u>¥2,354,078,361</u>	8	<u>¥1,468,853,976</u>
4	<u>¥1,525,646,157</u>	9	<u>¥1,781,025,884</u>
5	<u>¥1,688,219,850</u>	10	<u>¥2,030,039,767</u>