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

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

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

(1) ¥ 85,432

(2) ¥ 756,984,203

(3) ¥ 58,190,764

(4) ¥ 34,708,521

(5) ¥ 427,610,389

2

(1) ¥ 542,173,809

(2) ¥ 97,328,140

(3) ¥ 946,257,380

(4) ¥ 940,138

(5) ¥ 749,023

3

(1) ¥ 16,837,520

(2) ¥ 61,905

(3) ¥ 38,569

(4) ¥ 298,564,301

(5) ¥ 5,286,470

1 Kyu Receipts (8 min)

4

(1) ¥ 701,364,958

(2) ¥ 5,429,867

(3) ¥ 89,401,275

(4) ¥ 238,769

(5) ¥ 35,917

5

(1) ¥ 457,930,126

(2) ¥ 403,162,789

(3) ¥ 318,457

(4) ¥ 401,657,982

(5) ¥ 19,482,306

6

(1) ¥ 295,748

(2) ¥ 89,604,253

(3) ¥ 24,853,096

(4) ¥ 59,173,024

(5) ¥ 98,306,571

7

(1) ¥ 90,514,263

(2) ¥ 248,715

(3) ¥ 1,725,639

(4) ¥ 80,465,912

(5) ¥ 571,239

1 Kyu Receipts (8 min)

8

(1) ¥ 682,079

(2) ¥ 172,536,094

(3) ¥ 762,039,148

(4) ¥ 16,487

(5) ¥ 63,027,854

9

(1) ¥ 3,046,981

(2) ¥ 713,628

(3) ¥ 671,420

(4) ¥ 642,859,370

(5) ¥ 270,195,468

10

(1) ¥ 65,701,234

(2) ¥ 34,890,571

(3) ¥ 470,582,613

(4) ¥ 7,021,653

(5) ¥ 802,954,613

The next pages are questions (6)–(10).

1 Kyu Receipts (8 min)

11

(1) ¥ 382,017

(2) ¥ 834,910,657

(3) ¥ 72,310

(4) ¥ 76,425

(5) ¥ 954,601

12

(1) ¥ 85,079,243

(2) ¥ 1,389,476

(3) ¥ 84,027,593

(4) ¥ 28,635,704

(5) ¥ 103,842

13

(1) ¥ 607,951,432

(2) ¥ 468,091

(3) ¥ 53,480,167

(4) ¥ 194,372,085

(5) ¥ 901,735,286

14

(1) ¥ 58,207,163

(2) ¥ 90,216,548

(3) ¥ 620,795,381

(4) ¥ 67,528,910

(5) ¥ 60,457,913

1 Kyu Receipts (8 min)

15

(1) ¥ 16,589

(2) ¥ 748,152,390

(3) ¥ 921,758

(4) ¥ 103,694

(5) ¥ 29,674,351

16

(1) ¥ 210,587,934

(2) ¥ 23,674

(3) ¥ 198,352,046

(4) ¥ 930,256,187

(5) ¥ 7,549,826

17

(1) ¥ 42,130,569

(2) ¥ 56,874,209

(3) ¥ 36,107,489

(4) ¥ 46,701,923

(5) ¥ 418,263,075

18

(1) ¥ 643,721

(2) ¥ 29,037,581

(3) ¥ 471,583,026

(4) ¥ 3,084,152

(5) ¥ 81,739

1 Kyu Receipts (8 min)

19

(1) ¥ 9,764,108

(2) ¥ 305,749,826

(3) ¥ 649,231

(4) ¥ 849,536

(5) ¥ 574,328,610

20

(1) ¥ 736,429,850

(2) ¥ 602,135

(3) ¥ 2,864,975

(4) ¥ 509,417,268

(5) ¥ 36,890,524

Answers 1 Kyu

Multiplication

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

Division

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

Sums

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

Receipts

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