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	0.36841 × 6.8 =	11	¥ 20,785 × 92 =
2	4,876 × 765 =	12	¥ 8,691 × 785 =
3	9,350 × 403 =	13	¥ 159 × 1,034 =
4	0.0592 × 98.1 =	14	¥ 8,132 × 0.068 =
5	8,135 × 832 =	15	¥ 5,473 × 0.425 =
6	5,068 × 0.017 =	16	¥ 3,240 × 0.891 =
7	207 × 3,570 =	17	¥ 9,254 × 2.69 =
8	7,143 × 0.126 =	18	¥ 4,036 × 347 =
9	6.924 × 2.49 =	19	¥ 7,168 × 570 =
10	1,729 × 594 =	20	¥ 6,907 × 6.13 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	303,310 ÷ 619 =	11	¥ 6 ÷ 0.0625 =
2	0.244 ÷ 0.0976 =	12	¥ 180,186 ÷ 354 =
3	0.080855 ÷ 0.785 =	13	¥ 47,196 ÷ 437 =
4	669,922 ÷ 823 =	14	¥ 63,971 ÷ 90.1 =
5	3.5778 ÷ 53.4 =	15	¥ 264,069 ÷ 549 =
6	139,194 ÷ 407 =	16	¥ 537,054 ÷ 798 =
7	237.537 ÷ 248 =	17	¥ 240 ÷ 0.613 =
8	502,550 ÷ 950 =	18	¥ 241,920 ÷ 280 =
9	127,332 ÷ 162 =	19	¥ 396 ÷ 0.16 =
10	1,975.01 ÷ 3.1 =	20	¥ 2,834 ÷ 8.72 =

Soroban Technology Lab

3 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 4,671	¥ 271	¥ 601,597	¥ 21,438	¥ 64,053
2	7,483	820,634	862	52,679	821,976
3	619,820	68,910	38,024	46,390	480,269
4	863,907	576,029	345,107	105,248	−2,435
5	524	93,584	−582,963	721	−7,528
6	25,476	109,648	−16,358	594,017	178,603
7	58,013	42,703	9,471	930,785	309,741
8	140,259	351,492	4,789	3,864	954
9	32,790	5,837	−263,410	8,126	−16,897
10	981,365	7,165	−70,295	679,503	−53,210
Sum					

No.	6	7	8	9	10
1	¥ 530,197	¥ 1,976	¥ 32,815	¥ 38,410	¥ 679,301
2	4,508	7,358	47,163	203,965	85,426
3	21,647	874,029	90,742	−7,826	7,698
4	159	641	689	−642	41,037
5	683,042	−280,536	706,543	150,379	26,495
6	76,314	−32,809	179,420	86,193	134,720
7	809,765	93,014	8,635	425,718	912
8	368,271	569,720	214,908	−9,347	568,079
9	2,980	−158,437	5,187	−74,056	802,153
10	95,423	−45,162	923,056	512,908	3,845
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)

1

(1) ¥ 8,745

(2) ¥ 3,129

(3) ¥ 60,184

(4) ¥ 6,253

(5) ¥ 632

2

(1) ¥ 1,932

(2) ¥ 258

(3) ¥ 86,305

(4) ¥ 719

(5) ¥ 406

3

(1) ¥ 6,187

(2) ¥ 8,640

(3) ¥ 729

(4) ¥ 5,478

(5) ¥ 2,590

3 Kyu Receipts (8 min)

4

(1) ¥ 250

(2) ¥ 931

(3) ¥ 976

(4) ¥ 2,743

(5) ¥ 17,084

5

(1) ¥ 73,814

(2) ¥ 7,804

(3) ¥ 3,089

(4) ¥ 3,106

(5) ¥ 96,143

6

(1) ¥ 629

(2) ¥ 75,360

(3) ¥ 532

(4) ¥ 695

(5) ¥ 5,827

7

(1) ¥ 306

(2) ¥ 62,917

(3) ¥ 1,954

(4) ¥ 98,372

(5) ¥ 759

3 Kyu Receipts (8 min)

8

(1) ¥ 4,590

(2) ¥ 493

(3) ¥ 4,810

(4) ¥ 10,548

(5) ¥ 34,065

9

(1) ¥ 50,471

(2) ¥ 1,572

(3) ¥ 75,241

(4) ¥ 49,021

(5) ¥ 8,319

10

(1) ¥ 92,368

(2) ¥ 54,086

(3) ¥ 2,367

(4) ¥ 860

(5) ¥ 1,278

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

3 Kyu Receipts (8 min)

11

(1) ¥ 326

(2) ¥ 36,409

(3) ¥ 8,412

(4) ¥ 427

(5) ¥ 30,165

12

(1) ¥ 8,947

(2) ¥ 637

(3) ¥ 685

(4) ¥ 91,685

(5) ¥ 689

13

(1) ¥ 405

(2) ¥ 2,018

(3) ¥ 9,367

(4) ¥ 50,943

(5) ¥ 92,430

14

(1) ¥ 14,870

(2) ¥ 1,842

(3) ¥ 5,702

(4) ¥ 791

(5) ¥ 201

3 Kyu Receipts (8 min)

15

(1) ¥ 92,518

(2) ¥ 93,261

(3) ¥ 73,058

(4) ¥ 160

(5) ¥ 485

16

(1) ¥ 5,693

(2) ¥ 509

(3) ¥ 940

(4) ¥ 47,328

(5) ¥ 8,364

17

(1) ¥ 710

(2) ¥ 8,753

(3) ¥ 169

(4) ¥ 3,502

(5) ¥ 7,952

18

(1) ¥ 6,532

(2) ¥ 5,176

(3) ¥ 40,251

(4) ¥ 8,019

(5) ¥ 1,729

3 Kyu Receipts (8 min)

19

(1) ¥ 27,489

(2) ¥ 745

(3) ¥ 2,637

(4) ¥ 6,374

(5) ¥ 76,843

20

(1) ¥ 3,061

(2) ¥ 40,892

(3) ¥ 31,894

(4) ¥ 2,865

(5) ¥ 5,017

Answers 3 Kyu

Multiplication

1	2.505	6	86.156	11	¥1,912,220	16	¥2,887
2	3,730,140	7	738,990	12	¥6,822,435	17	¥24,893
3	3,768,050	8	900.018	13	¥164,406	18	¥1,400,492
4	5.808	9	17.241	14	¥553	19	¥4,085,760
5	6,768,320	10	1,027,026	15	¥2,326	20	¥42,340

Division

1	490	6	342	11	¥96	16	¥673
2	2.5	7	0.958	12	¥509	17	¥392
3	0.103	8	529	13	¥108	18	¥864
4	8/4	9	786	14	¥710	19	¥2,475
5	0.067	10	637.1	15	¥481	20	¥325

Sums

1	¥2,734,308	6	¥2,592,306
2	¥2,076,273	7	¥1,029,794
3	¥66,824	8	¥2,209,158
4	¥2,442,771	9	¥1,325,702
5	¥1,775,526	10	¥2,349,666

Receipts

1	¥239,292	6	¥160,551
2	¥215,190	7	¥190,242
3	¥236,187	8	¥173,115
4	¥177,795	9	¥212,094
5	¥167,103	10	¥223,875