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	48,936 × 31 =	11	¥ 1,036 × 286 =
2	0.0267 × 0.268 =	12	¥ 67,905 × 7.8 =
3	9,278 × 906 =	13	¥ 2,384 × 0.059 =
4	5,961 × 713 =	14	¥ 5,217 × 4.91 =
5	152 × 4,230 =	15	¥ 365 × 5,062 =
6	8,340 × 695 =	16	¥ 4,018 × 0.874 =
7	201.4 × 57.4 =	17	¥ 7,842 × 310 =
8	0.6709 × 0.087 =	18	¥ 4,769 × 0.623 =
9	7,453 × 15.2 =	19	¥ 8,591 × 145 =
10	3,185 × 84.9 =	20	¥ 9,230 × 937 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	723,216 ÷ 912 =	11	¥ 13 ÷ 0.125 =
2	0.44402 ÷ 0.298 =	12	¥ 19 ÷ 0.046 =
3	0.031155 ÷ 0.067 =	13	¥ 562,653 ÷ 63 =
4	798,168 ÷ 84 =	14	¥ 84,802 ÷ 218 =
5	124,992 ÷ 576 =	15	¥ 3,198 ÷ 4.92 =
6	4,783.01 ÷ 784.1 =	16	¥ 399,438 ÷ 569 =
7	12.75 ÷ 453 =	17	¥ 1,951 ÷ 78.04 =
8	518,320 ÷ 620 =	18	¥ 672 ÷ 0.875 =
9	78.84 ÷ 13.5 =	19	¥ 887,339 ÷ 937 =
10	114,330 ÷ 309 =	20	¥ 163,060 ÷ 310 =

Soroban Technology Lab

3 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 40,751	¥ 8,032	¥ 8,269	¥ 25,137	¥ 483,072
2	82,346	16,897	154	304,629	1,659
3	901,268	467,105	370,586	9,713	−30,487
4	9,054	281	−4,073	196,204	−123
5	187	592,403	−29,348	758	619,405
6	598,703	35,219	182,094	8,934	826,510
7	614,590	9,648	53,761	510,872	98,743
8	7,632	703,569	605,412	631,095	5,976
9	23,917	41,372	−736,905	82,546	−204,869
10	365,428	684,750	−91,827	47,860	−72,351
Sum					

No.	6	7	8	9	10
1	¥ 924,056	¥ 872,046	¥ 980,267	¥ 2,859	¥ 604
2	70,913	3,510	4,513	307,164	73,582
3	5,638	529,308	8,346	−278,013	2,697
4	284	−48,059	259,801	−15,390	9,851
5	31,590	−6,147	527	46,925	107,294
6	8,752	95,681	35,469	748	86,325
7	402,683	14,963	702,138	534,162	390,478
8	149,307	387,291	91,074	−61,207	14,063
9	67,129	−732	16,750	−9,586	521,986
10	716,845	−260,475	623,984	890,734	435,710
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) ¥ 6,150

(2) ¥ 9,471

(3) ¥ 4,798

(4) ¥ 6,150

(5) ¥ 5,419

2

(1) ¥ 19,624

(2) ¥ 369

(3) ¥ 56,034

(4) ¥ 867

(5) ¥ 358

3

(1) ¥ 3,817

(2) ¥ 4,853

(3) ¥ 801

(4) ¥ 382

(5) ¥ 7,632

3 Kyu Receipts (8 min)

4

(1) ¥ 703

(2) ¥ 50,271

(3) ¥ 1,273

(4) ¥ 7,930

(5) ¥ 6,740

5

(1) ¥ 20,369

(2) ¥ 63,509

(3) ¥ 914

(4) ¥ 2,713

(5) ¥ 452

6

(1) ¥ 52,740

(2) ¥ 2,648

(3) ¥ 68,290

(4) ¥ 428

(5) ¥ 69,307

7

(1) ¥ 4,528

(2) ¥ 752

(3) ¥ 356

(4) ¥ 58,649

(5) ¥ 14,289

3 Kyu Receipts (8 min)

8

(1) ¥ 8,419

(2) ¥ 21,097

(3) ¥ 7,435

(4) ¥ 43,295

(5) ¥ 2,165

9

(1) ¥ 936

(2) ¥ 8,430

(3) ¥ 29,780

(4) ¥ 1,604

(5) ¥ 803

10

(1) ¥ 875

(2) ¥ 186

(3) ¥ 5,162

(4) ¥ 95,071

(5) ¥ 98,071

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

3 Kyu Receipts (8 min)

11

(1) ¥ 1,490

(2) ¥ 40,218

(3) ¥ 37,496

(4) ¥ 3,479

(5) ¥ 4,653

12

(1) ¥ 82,763

(2) ¥ 5,973

(3) ¥ 5,132

(4) ¥ 631

(5) ¥ 1,420

13

(1) ¥ 3,158

(2) ¥ 1,547

(3) ¥ 4,015

(4) ¥ 8,526

(5) ¥ 25,187

14

(1) ¥ 10,473

(2) ¥ 316

(3) ¥ 60,572

(4) ¥ 96,042

(5) ¥ 6,712

3 Kyu Receipts (8 min)

15

(1) ¥ 59,826

(2) ¥ 2,085

(3) ¥ 1,064

(4) ¥ 7,801

(5) ¥ 93,640

16

(1) ¥ 605

(2) ¥ 609

(3) ¥ 789

(4) ¥ 4,593

(5) ¥ 308

17

(1) ¥ 4,062

(2) ¥ 932

(3) ¥ 253

(4) ¥ 50,317

(5) ¥ 8,975

18

(1) ¥ 938

(2) ¥ 8,764

(3) ¥ 928

(4) ¥ 278

(5) ¥ 591

3 Kyu Receipts (8 min)

19

(1) ¥ 7,549

(2) ¥ 69,450

(3) ¥ 8,341

(4) ¥ 82,965

(5) ¥ 70,286

20

(1) ¥ 271

(2) ¥ 73,182

(3) ¥ 89,607

(4) ¥ 140

(5) ¥ 934

Answers 3 Kyu

Multiplication

1	1,517,016	6	5,796,300	11	¥296,296	16	¥3,512
2	0.007	7	11,560.36	12	¥529,659	17	¥2,431,020
3	8,405,868	8	0.058	13	¥141	18	¥2,971
4	4,250,193	9	113,285.6	14	¥25,615	19	¥1,245,695
5	642,960	10	270,406.5	15	¥1,847,630	20	¥8,648,510

Division

1	793	6	6.1	11	¥104	16	¥702
2	1.49	7	0.028	12	¥413	17	¥25
3	0.465	8	836	13	¥8,931	18	¥768
4	9,502	9	5.84	14	¥389	19	¥947
5	217	10	370	15	¥650	20	¥526

Sums

1	¥2,643,876	6	¥2,377,197
2	¥2,559,276	7	¥1,587,386
3	¥358,123	8	¥2,722,869
4	¥1,817,748	9	¥1,418,396
5	¥1,727,535	10	¥1,642,590

Receipts

1	¥118,161	6	¥171,135
2	¥161,586	7	¥203,076
3	¥174,843	8	¥208,197
4	¥217,089	9	¥254,772
5	¥205,236	10	¥212,706