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	0.2179 × 0.046 =	11	¥ 6,798 × 180 =
2	796.1 × 70.5 =	12	¥ 3,645 × 362 =
3	1,302 × 410 =	13	¥ 9,120 × 435 =
4	62,487 × 97 =	14	¥ 1,906 × 5.64 =
5	5,034 × 261 =	15	¥ 8,362 × 207 =
6	3,695 × 583 =	16	¥ 254 × 0.0419 =
7	9,486 × 3.72 =	17	¥ 8,043 × 0.921 =
8	0.0728 × 0.639 =	18	¥ 5,307 × 678 =
9	450 × 1,258 =	19	¥ 7,281 × 89.5 =
10	8,153 × 8.94 =	20	¥ 41,759 × 0.73 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	315,364 ÷ 3,218 =	11	¥ 2,160 ÷ 3.75 =
2	144,018 ÷ 254 =	12	¥ 88 ÷ 0.704 =
3	45,838.8 ÷ 64.2 =	13	¥ 605 ÷ 0.625 =
4	381,087 ÷ 789 =	14	¥ 275,937 ÷ 893 =
5	538.829 ÷ 896 =	15	¥ 394,338 ÷ 9,618 =
6	139.2 ÷ 0.435 =	16	¥ 17,711 ÷ 2.9 =
7	0.73146 ÷ 5.01 =	17	¥ 401,988 ÷ 482 =
8	146,064 ÷ 17 =	18	¥ 111,020 ÷ 140 =
9	231,830 ÷ 970 =	19	¥ 452,154 ÷ 537 =
10	0.004725 ÷ 0.063 =	20	¥ 4 ÷ 0.016 =

Soroban Technology Lab

3 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 825,173	¥ 631	¥ 3,276	¥ 53,208	¥ 8,417
2	7,860	2,764	891,045	847,096	70,698
3	694	75,092	268	28,731	482,503
4	480,926	520,367	−12,305	10,426	−652
5	56,173	894,105	−6,471	4,590	−504,916
6	9,205	3,827	37,984	605,147	247,160
7	394,057	81,549	728,503	9,813	39,275
8	13,689	936,480	−965,710	362	−95,381
9	41,752	108,253	−49,826	591,274	−3,847
10	208,431	49,716	504,139	736,985	126,039
Sum					

No.	6	7	8	9	10
1	¥ 574,092	¥ 138,059	¥ 87,435	¥ 874,205	¥ 13,256
2	7,583	976,102	710,968	60,918	908,143
3	35,046	4,568	601,325	9,263	89,406
4	123,760	−42,170	2,069	103,549	571,920
5	6,819	−3,984	58,704	−51,387	7,835
6	18,437	735	379,640	−25,679	769
7	80,659	690,371	93,851	6,841	30,187
8	461,302	27,643	265,174	437,120	256,974
9	259,741	−561,820	4,283	−762	645,028
10	928	−85,294	192	−398,054	4,312
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) ¥ 4,627

(2) ¥ 1,849

(3) ¥ 7,642

(4) ¥ 29,467

(5) ¥ 98,036

2

(1) ¥ 850

(2) ¥ 907

(3) ¥ 50,318

(4) ¥ 8,521

(5) ¥ 742

3

(1) ¥ 68,034

(2) ¥ 321

(3) ¥ 675

(4) ¥ 80,132

(5) ¥ 3,017

3 Kyu Receipts (8 min)

4

(1) ¥ 72,419

(2) ¥ 7,836

(3) ¥ 9,028

(4) ¥ 67,098

(5) ¥ 594

5

(1) ¥ 5,701

(2) ¥ 492

(3) ¥ 85,490

(4) ¥ 903

(5) ¥ 69,178

6

(1) ¥ 265

(2) ¥ 63,174

(3) ¥ 4,763

(4) ¥ 456

(5) ¥ 4,253

7

(1) ¥ 9,832

(2) ¥ 2,605

(3) ¥ 136

(4) ¥ 5,943

(5) ¥ 2,648

3 Kyu Receipts (8 min)

8

(1) ¥ 17,043

(2) ¥ 5,260

(3) ¥ 21,804

(4) ¥ 3,654

(5) ¥ 17,302

9

(1) ¥ 3,195

(2) ¥ 59,184

(3) ¥ 3,279

(4) ¥ 1,870

(5) ¥ 5,190

10

(1) ¥ 986

(2) ¥ 80,753

(3) ¥ 915

(4) ¥ 712

(5) ¥ 865

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

3 Kyu Receipts (8 min)

11

(1) ¥ 2,895

(2) ¥ 72,409

(3) ¥ 95,071

(4) ¥ 4,926

(5) ¥ 7,489

12

(1) ¥ 1,304

(2) ¥ 583

(3) ¥ 3,608

(4) ¥ 5,013

(5) ¥ 503

13

(1) ¥ 26,071

(2) ¥ 865

(3) ¥ 192

(4) ¥ 7,648

(5) ¥ 627

14

(1) ¥ 685

(2) ¥ 957

(3) ¥ 79,023

(4) ¥ 6,107

(5) ¥ 251

3 Kyu Receipts (8 min)

15

(1) ¥ 7,214

(2) ¥ 18,742

(3) ¥ 6,410

(4) ¥ 584

(5) ¥ 8,043

16

(1) ¥ 367

(2) ¥ 3,096

(3) ¥ 4,853

(4) ¥ 83,295

(5) ¥ 35,762

17

(1) ¥ 938

(2) ¥ 4,631

(3) ¥ 576

(4) ¥ 92,730

(5) ¥ 9,318

18

(1) ¥ 59,410

(2) ¥ 1,072

(3) ¥ 487

(4) ¥ 269

(5) ¥ 60,579

3 Kyu Receipts (8 min)

19

(1) ¥ 4,793

(2) ¥ 20,914

(3) ¥ 21,934

(4) ¥ 371

(5) ¥ 42,186

20

(1) ¥ 80,526

(2) ¥ 6,358

(3) ¥ 8,265

(4) ¥ 18,450

(5) ¥ 1,940

Answers 3 Kyu

Multiplication

1	0.010	6	2,154,185	11	¥1,223,640	16	¥11
2	56,125.05	7	35,287.92	12	¥1,319,490	17	¥7,408
3	533,820	8	0.047	13	¥3,967,200	18	¥3,598,146
4	6,061,239	9	566,100	14	¥10,750	19	¥651,650
5	1,313,874	10	72,887.82	15	¥1,730,934	20	¥30,484

Division

1	98	6	320	11	¥576	16	¥6,107
2	567	7	0.146	12	¥125	17	¥834
3	714	8	8,592	13	¥968	18	¥793
4	483	9	239	14	¥309	19	¥842
5	0.601	10	0.075	15	¥41	20	¥250

Sums

1	¥2,037,960	6	¥1,568,367
2	¥2,672,784	7	¥1,144,210
3	¥1,130,903	8	¥2,203,641
4	¥2,887,632	9	¥1,016,014
5	¥369,296	10	¥2,527,830

Receipts

1	¥182,952	6	¥184,203
2	¥222,381	7	¥129,627
3	¥184,050	8	¥220,419
4	¥198,756	9	¥219,393
5	¥201,825	10	¥166,698