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	916,732 × 74,025 =	11	¥ 519,376 × 10,972 =
2	0.563217 × 4.9278 =	12	¥ 963,728 × 40,657 =
3	627,408 × 90,843 =	13	¥ 165,827 × 94,815 =
4	0.0124653 × 8.316 =	14	¥ 20,895 × 28,456.3 =
5	795,436 × 0.05962 =	15	¥ 832,401 × 0.51708 =
6	384,095 × 65,891 =	16	¥ 419,082 × 0.62389 =
7	8.92354 × 16.739 =	17	¥ 715,469 × 3,927.6 =
8	15,780 × 0.250734 =	18	¥ 6,173,054 × 7,394 =
9	287,091 × 51,840 =	19	¥ 389,540 × 0.03521 =
10	481,069 × 31,267 =	20	¥ 640,273 × 81,640 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	247,548.3054 ÷ 2,840.6 =	11	¥ 752,706,528 ÷ 73,192 =
2	4,385,650,273 ÷ 58,271 =	12	¥ 5,252,147,640 ÷ 68,270 =
3	2,296,137,060 ÷ 35,908 =	13	¥ 1,319,181,974 ÷ 1,403 =
4	236.5383632 ÷ 0.6214 =	14	¥ 2,071,846,151 ÷ 48,739 =
5	758,734,695 ÷ 8,145.3 =	15	¥ 24,414,874 ÷ 349.87 =
6	884,134.928 ÷ 49,370 =	16	¥ 4,718 ÷ 0.21568 =
7	5,498,909,850 ÷ 93,675 =	17	¥ 727,562,656 ÷ 8,523.4 =
8	1,012,619,959 ÷ 162,097 =	18	¥ 332 ÷ 0.097156 =
9	3,227,230,818 ÷ 78,162 =	19	¥ 2,873,405,346 ÷ 56,401 =
10	0.88884369 ÷ 0.04359 =	20	¥ 64,670 ÷ 0.90625 =

Soroban Technology Lab

1 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	¥ 974,516	¥ 356,782	¥ 917,028	¥ 60,175,894
2	801,429,673	6,973,418	3,924,586,170	8,427,091,365
3	2,703,958	90,251,643	658,314	589,216
4	64,350,291	231,805,967	−19,432,605	3,652,408
5	7,594,826	8,379,260,145	−96,123,780	705,864,293
6	38,172,560	14,092,658	8,765,349	1,273,549
7	861,034	452,189,370	2,603,451,978	4,852,910,637
8	5,683,140,972	726,034	481,690,257	347,081
9	145,287,309	5,417,809	−530,847,192	286,531,970
10	4,029,635,187	9,108,543,726	−7,204,536	94,706,123
Sum				

No.	5	6	7
1	¥ 6,429,308,715	¥ 795,632	¥ 7,016,942,583
2	1,024,867	37,658,140	2,095,478
3	3,567,190	154,203,698	−1,549,306,287
4	−314,650,928	812,403	−983,147,605
5	−971,834	7,690,428,315	561,392
6	8,762,439,105	9,516,827	67,182,940
7	586,329	68,034,971	8,673,051
8	−298,014,576	541,870,269	−20,859,437
9	−40,752,631	4,025,189,736	−438,126
10	75,829,043	2,347,059	395,210,764
Sum			

No.	8	9	10
1	¥ 63,407,895	¥ 4,980,617,352	¥ 50,698,743
2	259,641	943,218	8,341,950
3	750,136,829	531,974	12,687,405
4	4,921,687,305	−624,017,859	975,863,021
5	9,078,243	−8,537,920,164	275,169
6	16,923,074	3,285,670	4,167,503,928
7	3,592,860,417	68,149,503	3,490,281
8	541,786	−796,358,420	284,039,617
9	205,193,468	−2,406,791	6,039,152,874
10	8,725,130	15,872,036	724,536
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) ¥ 897,465,310

(2) ¥ 546,702,391

(3) ¥ 976,531

(4) ¥ 625,398

(5) ¥ 536,407

2

(1) ¥ 76,028,154

(2) ¥ 9,817,402

(3) ¥ 51,793

(4) ¥ 586,491,073

(5) ¥ 864,259

3

(1) ¥ 501,639,728

(2) ¥ 435,698

(3) ¥ 752,689,041

(4) ¥ 9,704,356

(5) ¥ 7,485,023

1 Kyu Receipts (8 min)

4

(1) ¥ 185,793,046

(2) ¥ 607,928,413

(3) ¥ 3,805,472

(4) ¥ 71,829

(5) ¥ 375,128,906

5

(1) ¥ 38,160,957

(2) ¥ 359,640

(3) ¥ 96,278,305

(4) ¥ 895,126,407

(5) ¥ 158,046,739

6

(1) ¥ 2,304,785

(2) ¥ 14,256

(3) ¥ 14,529,638

(4) ¥ 43,082,765

(5) ¥ 43,218,075

7

(1) ¥ 932,608

(2) ¥ 793,640,812

(3) ¥ 493,170

(4) ¥ 234,518

(5) ¥ 61,957,384

1 Kyu Receipts (8 min)

8

(1) ¥ 60,517,492

(2) ¥ 25,178,039

(3) ¥ 87,160,524

(4) ¥ 32,840,961

(5) ¥ 19,276

9

(1) ¥ 45,239

(2) ¥ 81,095,723

(3) ¥ 240,395,816

(4) ¥ 170,369,285

(5) ¥ 984,603,512

10

(1) ¥ 274,681

(2) ¥ 50,286,174

(3) ¥ 631,742,089

(4) ¥ 27,513,490

(5) ¥ 29,730,641

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

1 Kyu Receipts (8 min)

11

(1) ¥ 9,805,647

(2) ¥ 95,308

(3) ¥ 83,475

(4) ¥ 375,246

(5) ¥ 204,689,157

12

(1) ¥ 58,627,139

(2) ¥ 631,589

(3) ¥ 19,458,327

(4) ¥ 524,178

(5) ¥ 6,135,098

13

(1) ¥ 275,390

(2) ¥ 76,180,342

(3) ¥ 519,062

(4) ¥ 64,932,805

(5) ¥ 491,576

14

(1) ¥ 890,162,745

(2) ¥ 507,294

(3) ¥ 2,750,381

(4) ¥ 852,143,760

(5) ¥ 745,389,620

1 Kyu Receipts (8 min)

15

(1) ¥ 324,581

(2) ¥ 84,752,619

(3) ¥ 281,047,653

(4) ¥ 9,786,015

(5) ¥ 52,748,103

16

(1) ¥ 127,053,469

(2) ¥ 265,981,073

(3) ¥ 354,120,986

(4) ¥ 43,805,796

(5) ¥ 971,438

17

(1) ¥ 786,531,092

(2) ¥ 358,416,207

(3) ¥ 96,243,870

(4) ¥ 27,430,961

(5) ¥ 27,804,956

18

(1) ¥ 63,490,178

(2) ¥ 49,053,168

(3) ¥ 692,147

(4) ¥ 936,018,524

(5) ¥ 13,762

1 Kyu Receipts (8 min)

19

(1) ¥ 48,601

(2) ¥ 7,329,410

(3) ¥ 45,376,092

(4) ¥ 705,261,349

(5) ¥ 391,207,485

20

(1) ¥ 14,739,256

(2) ¥ 132,840,756

(3) ¥ 768,901,534

(4) ¥ 19,287

(5) ¥ 83,560,219

Answers 1 Kyu

Multiplication

1	67,861,086,300	8	3,956.583	15	¥430,418
2	2.775	9	14,882,797,440	16	¥261,461
3	56,995,624,944	10	15,041,584,423	17	¥2,810,076,044
4	0.104	11	¥5,698,593,472	18	¥45,643,561,276
5	47,423.894	12	¥39,182,289,296	19	¥13,716
6	25,308,403,645	13	¥15,722,887,005	20	¥52,271,887,720
7	149.371	14	¥594,594,389		

Division

1	87.146	6	17.908	11	¥10,284	16	¥21,875
2	75,263	7	58,702	12	¥76,932	17	¥85,361
3	63,945	8	6,247	13	¥940,258	18	¥3,417
4	380.654	9	41,289	14	¥42,509	19	¥50,946
5	93,150	10	20.391	15	¥69,783	20	¥71,360

Sums

1	¥10,774,150,326	6	¥12,530,857,050
2	¥18,289,617,552	7	¥4,936,914,753
3	¥6,366,460,983	8	¥9,568,813,788
4	¥14,433,142,536	9	−¥4,891,303,481
5	¥14,618,365,280	10	¥11,542,777,524

Receipts

1	¥1,763,162,000	6	¥1,951,058,098
2	¥2,115,458,548	7	¥975,787,766
3	¥1,828,122,379	8	¥1,569,193,527
4	¥1,766,060,082	9	¥2,640,297,921
5	¥1,661,590,222	10	¥1,513,011,414