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	4,986,215 × 3,627 =	11	¥ 395,062 × 0.05837 =
2	361,850 × 91,082 =	12	¥ 425,960 × 39,624 =
3	647,521 × 0.06759 =	13	¥ 81,907 × 982,706 =
4	752,406 × 54,893 =	14	¥ 785,304 × 214.85 =
5	21,069 × 246,780 =	15	¥ 2,867,139 × 8,731 =
6	0.194738 × 0.79158 =	16	¥ 943,108 × 64,932 =
7	850,734 × 80,541 =	17	¥ 710,956 × 0.17563 =
8	938,427 × 6,713.5 =	18	¥ 524,681 × 54,190 =
9	59.0382 × 42.036 =	19	¥ 173,425 × 70.258 =
10	0.097613 × 1,923.4 =	20	¥ 627,483 × 0.46019 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	74.03811563 ÷ 0.97613 =	11	¥ 5,175,969,659 ÷ 592,013 =
2	1,561,416,700 ÷ 18,932 =	12	¥ 45,446 ÷ 0.46912 =
3	28,590.1736 ÷ 482.39 =	13	¥ 1,309,474,662 ÷ 3,678 =
4	2,561,373,142 ÷ 37,586 =	14	¥ 303,407,651 ÷ 6,035.9 =
5	4,023,546,476 ÷ 572,014 =	15	¥ 572,807 ÷ 8.2047 =
6	3,653,023.197 ÷ 74,531 =	16	¥ 6,141,074,121 ÷ 74,581 =
7	0.84427624 ÷ 0.04957 =	17	¥ 1,778,872,370 ÷ 91,685 =
8	2,864,009,080 ÷ 81,605 =	18	¥ 1,108,651,520 ÷ 14,720 =
9	149,307,564 ÷ 6,902.8 =	19	¥ 12,922 ÷ 0.29536 =
10	2,602,039,440 ÷ 2,640 =	20	¥ 2,430 ÷ 0.08374 =

Soroban Technology Lab

1 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	¥ 491,076,583	¥ 240,719,863	¥ 7,102,498	¥ 231,609
2	9,854,107	9,853,612	41,069,527	543,871
3	245,908,736	5,724,069	−30,746,158	902,837,465
4	1,934,570,628	145,720	−832,469	1,579,086,342
5	214,936	4,763,012,985	148,753	25,408,791
6	8,607,925,413	518,379,402	293,685,107	81,726,950
7	302,861	3,024,867,951	9,674,518,230	654,819,023
8	78,149,025	76,908,534	6,412,790,385	4,230,975,186
9	6,783,259	691,378	−308,251,946	3,160,947
10	52,461,370	82,530,146	−5,973,062	7,654,238
Sum				

No.	5	6	7
1	¥ 7,359,604	¥ 27,015,648	¥ 2,340,759,816
2	492,378	4,860,259,713	3,207,198,465
3	−1,746,852	5,706,249	53,802,741
4	−512,084	6,931,870,524	1,923,865
5	13,750,962	352,108,496	−76,041,953
6	80,136,579	842,973	−275,196
7	6,735,821,940	3,684,051	8,947,302
8	369,084,125	931,785	684,520
9	−906,278,413	146,597,302	−964,170,238
10	−2,894,605,731	78,329,160	−415,369,087
Sum			

No.	8	9	10
1	¥ 24,375,089	¥ 31,729,648	¥ 97,682,041
2	410,635	5,632,790	739,526
3	541,726,890	7,869,123,045	40,351,978
4	3,165,208	−9,350,487,621	809,124,657
5	9,752,804,163	−47,019,385	6,278,453,910
6	6,895,017,342	506,794	136,428
7	143,769	254,813	3,651,907,284
8	7,652,918	−8,096,132	5,074,863
9	80,291,374	−172,368,504	2,890,135
10	268,930,457	604,871,259	316,245,790
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) ¥ 96,403,752

(2) ¥ 801,653,724

(3) ¥ 104,396,725

(4) ¥ 578,293,046

(5) ¥ 1,506,723

2

(1) ¥ 560,973

(2) ¥ 528,407,136

(3) ¥ 269,184

(4) ¥ 308,619

(5) ¥ 74,825,109

3

(1) ¥ 179,820

(2) ¥ 65,329,810

(3) ¥ 590,728

(4) ¥ 9,653,402

(5) ¥ 657,012

1 Kyu Receipts (8 min)

4

(1) ¥ 461,852,093

(2) ¥ 786,542

(3) ¥ 95,402,316

(4) ¥ 631,597,840

(5) ¥ 43,169

5

(1) ¥ 17,345,208

(2) ¥ 98,135

(3) ¥ 8,731,695

(4) ¥ 734,189

(5) ¥ 978,246

6

(1) ¥ 659,710,384

(2) ¥ 10,879,326

(3) ¥ 54,280

(4) ¥ 57,862

(5) ¥ 38,741,095

7

(1) ¥ 74,261

(2) ¥ 4,590,781

(3) ¥ 472,135,609

(4) ¥ 27,146,953

(5) ¥ 680,235,941

1 Kyu Receipts (8 min)

8

(1) ¥ 385,261,097

(2) ¥ 37,041,269

(3) ¥ 30,618,957

(4) ¥ 83,421,075

(5) ¥ 29,310,658

9

(1) ¥ 24,093,186

(2) ¥ 943,168,052

(3) ¥ 63,875,042

(4) ¥ 10,862,794

(5) ¥ 865,409,327

10

(1) ¥ 8,627,435

(2) ¥ 235,497

(3) ¥ 719,042,863

(4) ¥ 406,915,238

(5) ¥ 502,163,874

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

1 Kyu Receipts (8 min)

11

(1) ¥ 8,504,726

(2) ¥ 12,796

(3) ¥ 897,256

(4) ¥ 26,847

(5) ¥ 75,140

12

(1) ¥ 38,601

(2) ¥ 297,865,014

(3) ¥ 240,386,197

(4) ¥ 326,794,018

(5) ¥ 251,704,698

13

(1) ¥ 72,180,534

(2) ¥ 306,419,572

(3) ¥ 69,152,408

(4) ¥ 932,487

(5) ¥ 932,174

14

(1) ¥ 628,793

(2) ¥ 586,231

(3) ¥ 7,648,230

(4) ¥ 81,690,753

(5) ¥ 48,350,692

1 Kyu Receipts (8 min)

15

(1) ¥ 96,245,017

(2) ¥ 340,598

(3) ¥ 975,201,386

(4) ¥ 15,283,904

(5) ¥ 560,291,483

16

(1) ¥ 53,706,298

(2) ¥ 9,738,124

(3) ¥ 35,978

(4) ¥ 52,430,176

(5) ¥ 863,715

17

(1) ¥ 284,930,617

(2) ¥ 61,973,052

(3) ¥ 52,091,364

(4) ¥ 743,856,019

(5) ¥ 6,407,829

18

(1) ¥ 145,062,389

(2) ¥ 80,157,649

(3) ¥ 18,567,043

(4) ¥ 679,108,253

(5) ¥ 17,653,908

1 Kyu Receipts (8 min)

19

(1) ¥ 960,371,452

(2) ¥ 48,275,360

(3) ¥ 410,759

(4) ¥ 4,365,820

(5) ¥ 725,086,314

20

(1) ¥ 419,875

(2) ¥ 712,609,483

(3) ¥ 704,923,861

(4) ¥ 547,691

(5) ¥ 34,129,057

Answers 1 Kyu

Multiplication

1	18,085,001,805	8	6,300,129,664.5	15	¥25,032,990,609
2	32,958,021,700	9	2,481.730	16	¥61,237,888,656
3	43,765.944	10	187.749	17	¥124,865
4	41,301,822,558	11	¥23,060	18	¥28,432,463,390
5	5,199,407,820	12	¥16,878,239,040	19	¥12,184,494
6	0.154	13	¥80,490,500,342	20	¥288,761
7	68,518,967,094	14	¥168,722,564		

Division

1	75.849	6	49.013	11	¥8,743	16	¥82,341
2	82,475	7	17.032	12	¥96,875	17	¥19,402
3	59.268	8	35,096	13	¥356,029	18	¥75,316
4	68,147	9	21,630	14	¥50,267	19	¥43,750
5	7,034	10	985,621	15	¥69,814	20	¥29,018

Sums

1	¥11,427,246,918	6	¥12,407,345,901
2	¥8,722,833,660	7	¥4,157,460,235
3	¥16,083,510,865	8	¥17,574,517,845
4	¥7,486,444,422	9	−¥1,065,853,293
5	¥3,403,502,508	10	¥11,202,606,612

Receipts

1	¥1,654,108,209	6	¥1,622,088,302
2	¥2,392,190,272	7	¥1,517,977,879
3	¥1,495,117,399	8	¥2,069,314,482
4	¥1,748,991,018	9	¥1,905,035,968
5	¥2,193,871,154	10	¥1,645,495,010