Soroban Technology Lab

Pre-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	0.84731 × 0.92364 =	11	¥ 90,217 × 97,048 =
2	9,058 × 893,645 =	12	¥ 72,145 × 54,903 =
3	61,209 × 48,052 =	13	¥ 81,659 × 0.27136 =
4	18,947 × 15,640 =	14	¥ 437,652 × 3.687 =
5	76,493 × 3.0271 =	15	¥ 2,304 × 0.042759 =
6	38,510 × 21,897 =	16	¥ 69,873 × 625.31 =
7	573,962 × 7,309 =	17	¥ 59,401 × 18,504 =
8	0.08326 × 5.8176 =	18	¥ 10,986 × 46,290 =
9	4,267.5 × 6.1723 =	19	¥ 24,378 × 0.83195 =
10	21,054 × 0.05948 =	20	¥ 36,580 × 71,682 =

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	0.73020423 ÷ 0.29768 =	11	¥ 758,966,857 ÷ 8,459 =
2	344,151,720 ÷ 3,540 =	12	¥ 72,708 ÷ 0.7968 =
3	946,594.76 ÷ 7,169 =	13	¥ 547,419,312 ÷ 60,987 =
4	2,484.1777 ÷ 6.05897 =	14	¥ 87,950 ÷ 431.625 =
5	1,750.76097 ÷ 497.86 =	15	¥ 1,029 ÷ 0.13524 =
6	622,951,945 ÷ 83,405 =	16	¥ 457 ÷ 0.08513 =
7	728,788,725 ÷ 9,073 =	17	¥ 3,722,274 ÷ 27.6 =
8	111,063,294 ÷ 18,234 =	18	¥ 112,825,692 ÷ 3,241 =
9	414,396,106 ÷ 521 =	19	¥ 235,670,532 ÷ 50,132 =
10	0.8858553 ÷ 0.0162 =	20	¥ 634,044,780 ÷ 9,740 =

Soroban Technology Lab

Pre-1 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	¥ 84,650,237	¥ 53,864	¥ 897,163	¥ 392,784
2	701,594	674,138	40,356,982	509,617,348
3	2,986,350	32,706,459	−14,529,037	40,182
4	97,218,064	86,015,923	−60,814	70,463,295
5	301,592,476	257,938,460	521,694,730	16,734,520
6	321,958	970,461,285	902,746,358	631,092,478
7	67,843	49,280,317	−3,185,649	87,135,609
8	576,134,029	543,691	−75,908,126	987,452
9	425,863,701	1,852,076	273,409	264,509,813
10	10,439,685	718,329,540	486,031,275	5,278,961
Sum				

No.	5	6	7
1	¥ 501,927,468	¥ 895,104	¥ 409,678,321
2	76,514	97,234,015	349,185
3	−93,512,407	2,076,981	564,970
4	−40,798,623	60,532	−76,041,823
5	6,405,891	589,673,140	−95,742
6	938,247,560	36,459,281	120,438,956
7	162,095,743	725,908,463	238,905,617
8	329,186	801,547,396	61,287,094
9	−863,291	40,712,658	−83,156,409
10	−24,180,375	123,749	−5,810,237
Sum			

No.	8	9	10
1	¥ 491,357	¥ 798,350	¥ 71,402,639
2	704,369,281	47,523,968	87,094
3	83,614,079	9,382,174	536,780
4	640,279,583	374,201,569	24,783,905
5	925,167	−56,894,703	215,067,389
6	2,184,709	−18,452	6,325,491
7	16,073,524	23,465,019	172,564
8	59,840,632	130,957,846	98,254,317
9	821,596,340	−895,126,037	403,619,278
10	37,815	−640,821	352,890,146
Sum			

Soroban Technology Lab

Pre-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)

Pre-1 Kyu

Receipts

(8 min)

1

(1) ¥ 69,145

(2) ¥ 961,540

(3) ¥ 184,037

(4) ¥ 6,789,130

(5) ¥ 4,830,617

2

(1) ¥ 783,569

(2) ¥ 93,015,782

(3) ¥ 4,618,752

(4) ¥ 5,203,974

(5) ¥ 15,469,078

3

(1) ¥ 20,136,847

(2) ¥ 29,380,647

(3) ¥ 3,450,296

(4) ¥ 98,452,016

(5) ¥ 8,042,139

Pre-1 Kyu Receipts (8 min)

4

(1) ¥ 14,687,520

(2) ¥ 746,852

(3) ¥ 91,354

(4) ¥ 74,510,263

(5) ¥ 76,524

5

(1) ¥ 2,034,197

(2) ¥ 1,574,293

(3) ¥ 59,310,826

(4) ¥ 854,719

(5) ¥ 63,185,907

6

(1) ¥ 450,782

(2) ¥ 60,738,129

(3) ¥ 782,514

(4) ¥ 23,968,507

(5) ¥ 2,308,765

7

(1) ¥ 3,219,056

(2) ¥ 4,652,931

(3) ¥ 80,963,471

(4) ¥ 40,192,785

(5) ¥ 279,514

8

(1) ¥ 9,821,473

(2) ¥ 5,107,864

(3) ¥ 68,279,503

(4) ¥ 683,421

(5) ¥ 524,193

9

(1) ¥ 57,948,630

(2) ¥ 82,035

(3) ¥ 91,526,780

(4) ¥ 37,645

(5) ¥ 36,791,280

10

(1) ¥ 86,592,301

(2) ¥ 37,861,409

(3) ¥ 2,037,649

(4) ¥ 1,026,398

(5) ¥ 90,654,832

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

Pre-1 Kyu Receipts (8 min)

11

(1) ¥ 543,679

(2) ¥ 17,802,943

(3) ¥ 162,475

(4) ¥ 231,698

(5) ¥ 90,361,247

12

(1) ¥ 8,925,310

(2) ¥ 2,567,108

(3) ¥ 72,901,536

(4) ¥ 1,952,437

(5) ¥ 45,893,710

13

(1) ¥ 25,406,187

(2) ¥ 4,052,693

(3) ¥ 20,139,847

(4) ¥ 470,268

(5) ¥ 54,201,968

14

(1) ¥ 13,780,526

(2) ¥ 125,436

(3) ¥ 4,075,693

(4) ¥ 62,514,809

(5) ¥ 2,485,096

Pre-1 Kyu Receipts (8 min)

15

(1) ¥ 6,294,081

(2) ¥ 96,248,107

(3) ¥ 81,724

(4) ¥ 7,835,016

(5) ¥ 567,132

16

(1) ¥ 4,150,736

(2) ¥ 793,584

(3) ¥ 59,820,361

(4) ¥ 36,209,745

(5) ¥ 8,972,345

17

(1) ¥ 385,924

(2) ¥ 8,917,350

(3) ¥ 6,548,130

(4) ¥ 90,175,423

(5) ¥ 710,854

18

(1) ¥ 79,261

(2) ¥ 56,874

(3) ¥ 97,425,086

(4) ¥ 59,768,130

(5) ¥ 6,098,237

Pre-1 Kyu Receipts (8 min)

19

(1) ¥ 91,067,843

(2) ¥ 31,689,025

(3) ¥ 8,736,950

(4) ¥ 8,023,974

(5) ¥ 13,852,406

20

(1) ¥ 80,372,495

(2) ¥ 69,430,712

(3) ¥ 314,289

(4) ¥ 46,581

(5) ¥ 39,671

Answers Pre-1 Kyu

Multiplication

1	0.783	6	843,253,470	11	¥8,755,379,416	16	¥43,692,286
2	8,094,636,410	7	4,195,088,258	12	¥3,960,976,935	17	¥1,099,156,104
3	2,941,214,868	8	0.484	13	¥22,159	18	¥508,541,940
4	296,331,080	9	26,340.290	14	¥1,613,623	19	¥20,281
5	231,551.960	10	1,252.292	15	¥99	20	¥2,622,127,560

Division

1	2.453	6	7,469	11	¥89,723	16	¥5,368
2	97,218	7	80,325	12	¥91,250	17	¥134,865
3	132.04	8	6,091	13	¥8,976	18	¥34,812
4	410	9	795,386	14	¥204	19	¥4,701
5	3.517	10	54.682	15	¥7,609	20	¥65,097

Sums

1	¥1,499,975,937	6	¥2,294,691,319
2	¥2,117,855,753	7	¥666,119,932
3	¥1,858,316,291	8	¥2,329,412,487
4	¥1,586,252,442	9	−¥366,351,087
5	¥1,449,727,666	10	¥1,173,139,603

Receipts

1	¥195,743,520	6	¥231,006,042
2	¥234,121,482	7	¥231,683,832
3	¥311,245,182	8	¥270,206,091
4	¥251,718,858	9	¥267,228,081
5	¥222,162,849	10	¥223,182,666