

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

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

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

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)				
		2		
(1)	¥	783,569		
(2)	¥	93,015,782		
(3)	¥	4,618,752		
(4)	¥	5,203,974		
(5)	¥	15,469,078		
		3	1	
(1)	¥	20,136,847	(1)	¥ 69,145
(2)	¥	29,380,647	(2)	¥ 961,540
(3)	¥	3,450,296	(3)	¥ 184,037
(4)	¥	98,452,016	(4)	¥ 6,789,130
(5)	¥	8,042,139	(5)	¥ 4,830,617

Pre-1 Kyu Receipts (8 min)

6		4	
(1)	<u>¥ 450,782</u>	(1)	<u>¥ 14,687,520</u>
(2)	<u>¥ 60,738,129</u>	(2)	<u>¥ 746,852</u>
(3)	<u>¥ 782,514</u>	(3)	<u>¥ 91,354</u>
(4)	<u>¥ 23,968,507</u>	(4)	<u>¥ 74,510,263</u>
(5)	<u>¥ 2,308,765</u>	(5)	<u>¥ 76,524</u>
7		5	
(1)	<u>¥ 3,219,056</u>	(1)	<u>¥ 2,034,197</u>
(2)	<u>¥ 4,652,931</u>	(2)	<u>¥ 1,574,293</u>
(3)	<u>¥ 80,963,471</u>	(3)	<u>¥ 59,310,826</u>
(4)	<u>¥ 40,192,785</u>	(4)	<u>¥ 854,719</u>
(5)	<u>¥ 279,514</u>	(5)	<u>¥ 63,185,907</u>

10		8	
(1)	<u>¥ 86,592,301</u>	(1)	<u>¥ 9,821,473</u>
(2)	<u>¥ 37,861,409</u>	(2)	<u>¥ 5,107,864</u>
(3)	<u>¥ 2,037,649</u>	(3)	<u>¥ 68,279,503</u>
(4)	<u>¥ 1,026,398</u>	(4)	<u>¥ 683,421</u>
(5)	<u>¥ 90,654,832</u>	(5)	<u>¥ 524,193</u>
The next pages are questions (6)–(10).		9	
		(1)	<u>¥ 57,948,630</u>
		(2)	<u>¥ 82,035</u>
		(3)	<u>¥ 91,526,780</u>
		(4)	<u>¥ 37,645</u>
		(5)	<u>¥ 36,791,280</u>

Pre-1 Kyu Receipts (8 min)

13		11	
(1)	¥ <u>25,406,187</u>	(1)	¥ <u>543,679</u>
(2)	¥ <u>4,052,693</u>	(2)	¥ <u>17,802,943</u>
(3)	¥ <u>20,139,847</u>	(3)	¥ <u>162,475</u>
(4)	¥ <u>470,268</u>	(4)	¥ <u>231,698</u>
(5)	¥ <u>54,201,968</u>	(5)	¥ <u>90,361,247</u>
14		12	
(1)	¥ <u>13,780,526</u>	(1)	¥ <u>8,925,310</u>
(2)	¥ <u>125,436</u>	(2)	¥ <u>2,567,108</u>
(3)	¥ <u>4,075,693</u>	(3)	¥ <u>72,901,536</u>
(4)	¥ <u>62,514,809</u>	(4)	¥ <u>1,952,437</u>
(5)	¥ <u>2,485,096</u>	(5)	¥ <u>45,893,710</u>

Pre-1 Kyu Receipts (8 min)

17		15	
(1)	¥ <u>385,924</u>	(1)	¥ <u>6,294,081</u>
(2)	¥ <u>8,917,350</u>	(2)	¥ <u>96,248,107</u>
(3)	¥ <u>6,548,130</u>	(3)	¥ <u>81,724</u>
(4)	¥ <u>90,175,423</u>	(4)	¥ <u>7,835,016</u>
(5)	¥ <u>710,854</u>	(5)	¥ <u>567,132</u>
18		16	
(1)	¥ <u>79,261</u>	(1)	¥ <u>4,150,736</u>
(2)	¥ <u>56,874</u>	(2)	¥ <u>793,584</u>
(3)	¥ <u>97,425,086</u>	(3)	¥ <u>59,820,361</u>
(4)	¥ <u>59,768,130</u>	(4)	¥ <u>36,209,745</u>
(5)	¥ <u>6,098,237</u>	(5)	¥ <u>8,972,345</u>

Pre-1 Kyu Receipts (8 min)

19	
(1)	<u>2/ 91,067,843</u>
(2)	<u>2/ 31,689,025</u>
(3)	<u>2/ 8,736,950</u>
(4)	<u>2/ 8,023,974</u>
(5)	<u>2/ 13,852,406</u>
20	
(1)	<u>2/ 80,372,495</u>
(2)	<u>2/ 69,430,712</u>
(3)	<u>2/ 314,289</u>
(4)	<u>2/ 46,581</u>
(5)	<u>2/ 39,671</u>

Answers Pre-1 Kyu

Multiplication

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

Division

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

Sums

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

Receipts

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