

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	$0.05267 \times 0.45976 =$	11	$\yen 260,194 \times 3,018 =$
2	$0.87621 \times 0.02985 =$	12	$\yen 3,540 \times 163,984 =$
3	$5,102 \times 10.6753 =$	13	$\yen 76,395 \times 0.47509 =$
4	$94,583 \times 62,408 =$	14	$\yen 49,802 \times 2,750.6 =$
5	$304.85 \times 38.567 =$	15	$\yen 84,173 \times 84,593 =$
6	$41,390 \times 92,431 =$	16	$\yen 54,819 \times 71.385 =$
7	$217,864 \times 8,762 =$	17	$\yen 92,371 \times 0.08462 =$
8	$13,976 \times 7.8914 =$	18	$\yen 68,537 \times 51,427 =$
9	$73,958 \times 53,019 =$	19	$\yen 12,506 \times 97,620 =$
10	$60,249 \times 21,340 =$	20	$\yen 60,278 \times 0.69231 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$20,781.055 \div 2.9815 =$	11	$\yen 13,242 \div 0.1523 =$
2	$229,488,714 \div 980,721 =$	12	$\yen 62,877,728 \div 41,807 =$
3	$15,952.5455 \div 45.7 =$	13	$\yen 48,904,712 \div 781.6 =$
4	$386,347,054 \div 75,326 =$	14	$\yen 2,537,182 \div 2,674.95 =$
5	$276,022,010 \div 8,914 =$	15	$\yen 144,294,894 \div 5,394 =$
6	$0.66804777 \div 0.14253 =$	16	$\yen 530,095,552 \div 90,832 =$
7	$0.5982207 \div 0.0319 =$	17	$\yen 354,708,882 \div 891 =$
8	$533,587.797 \div 5,640 =$	18	$\yen 1,543 \div 0.37609 =$
9	$319,692,204 \div 37,602 =$	19	$\yen 149 \div 0.04768 =$
10	$452,523,528 \div 6,348 =$	20	$\yen 463,993,750 \div 6,250 =$

Soroban Technology Lab

Pre-1 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4
1	≠ 529,704	≠ 84,123,579	≠ 82,970,145	≠ 397,856
2	17,206,958	68,205	18,397	2,713,695
3	304,159,286	5,420,193	-280,145	429,576,013
4	61,735	973,648	-602,984	68,342
5	752,308,641	23,654,890	9,456,073	812,503
6	230,641,579	792,041,358	723,849,601	75,981,460
7	3,792,840	316,207	318,027,569	48,602,397
8	835,927	179,562,084	-54,791,836	180,235,749
9	95,087,416	650,894,137	-67,385,420	91,457,630
10	46,913,082	41,735,962	490,163,752	567,120,984
Sum				

No.	5	6	7
1	≠ 73,189,604	≠ 87,615,024	≠ 95,061,784
2	285,630,197	2,901,586	58,903,247
3	501,783,249	38,614	-49,602
4	47,518,926	10,243,978	-357,481
5	-2,067,354	362,859	802,761,953
6	-158,972,430	938,124,507	6,498,370
7	91,762	421,065,793	180,542
8	64,209,185	54,890,617	71,842,639
9	-824,053	679,538,140	-210,536,798
10	-396,871	756,432	-329,674,015
Sum			

No.	8	9	10
1	≠ 368,410	≠ 3,214,590	≠ 16,958
2	81,352	152,943	170,925,384
3	901,638,427	931,068	731,069,425
4	976,845	-79,854,236	4,107,658
5	29,450,673	-60,528,471	87,462,013
6	68,132,509	71,609	95,378,602
7	14,829,067	257,496,380	23,841,579
8	7,594,201	426,380,715	586,290
9	450,716,938	-82,043,597	691,437
10	536,207,184	-591,607,824	349,250,861
Sum			

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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)	¥	6,378,240		
(2)	¥	75,169,340		
(3)	¥	90,285,741		
(4)	¥	8,153,724		
(5)	¥	52,893,617		
		3	1	
(1)	¥	97,084,561	(1)	¥ 4,902,835
(2)	¥	3,891,702	(2)	¥ 9,654,218
(3)	¥	42,901,638	(3)	¥ 154,236
(4)	¥	7,918,603	(4)	¥ 10,728,965
(5)	¥	627,341	(5)	¥ 354,890

Pre-1 Kyu Receipts (8 min)

6		4	
(1)	¥ <u>51,623</u>	(1)	¥ <u>241,695</u>
(2)	¥ <u>23,685</u>	(2)	¥ <u>524,897</u>
(3)	¥ <u>71,482,903</u>	(3)	¥ <u>839,456</u>
(4)	¥ <u>9,075,834</u>	(4)	¥ <u>31,976</u>
(5)	¥ <u>8,791,235</u>	(5)	¥ <u>64,805</u>
7		5	
(1)	¥ <u>30,127,958</u>	(1)	¥ <u>19,632,047</u>
(2)	¥ <u>475,012</u>	(2)	¥ <u>80,756,934</u>
(3)	¥ <u>5,897,012</u>	(3)	¥ <u>71,869</u>
(4)	¥ <u>497,528</u>	(4)	¥ <u>51,346,280</u>
(5)	¥ <u>45,630,182</u>	(5)	¥ <u>1,039,576</u>

10		8	
(1)	<u>¥ 1,760,389</u>	(1)	<u>¥ 859,476</u>
(2)	<u>¥ 32,907,461</u>	(2)	<u>¥ 68,749,130</u>
(3)	<u>¥ 27,360,195</u>	(3)	<u>¥ 3,568,470</u>
(4)	<u>¥ 689,042</u>	(4)	<u>¥ 26,540,391</u>
(5)	<u>¥ 27,916,034</u>	(5)	<u>¥ 70,182,469</u>
The next pages are questions (6)–(10).		9	
		(1)	<u>¥ 72,583,104</u>
		(2)	<u>¥ 1,038,526</u>
		(3)	<u>¥ 6,043,527</u>
		(4)	<u>¥ 43,102,657</u>
		(5)	<u>¥ 9,405,728</u>

Pre-1 Kyu Receipts (8 min)

13		11	
(1)	¥ <u>9,081,632</u>	(1)	¥ <u>25,147</u>
(2)	¥ <u>61,092,584</u>	(2)	¥ <u>58,209,173</u>
(3)	¥ <u>37,985</u>	(3)	¥ <u>564,829</u>
(4)	¥ <u>627,495</u>	(4)	¥ <u>9,081,372</u>
(5)	¥ <u>8,741,059</u>	(5)	¥ <u>918,326</u>
14		12	
(1)	¥ <u>867,924</u>	(1)	¥ <u>80,973,265</u>
(2)	¥ <u>16,743</u>	(2)	¥ <u>453,702</u>
(3)	¥ <u>17,468,302</u>	(3)	¥ <u>73,056,241</u>
(4)	¥ <u>5,369,840</u>	(4)	¥ <u>63,954,810</u>
(5)	¥ <u>23,578,690</u>	(5)	¥ <u>57,326,901</u>

Pre-1 Kyu Receipts (8 min)

17		15	
(1)	<u>¥ 32,754,601</u>	(1)	<u>¥ 439,815</u>
(2)	<u>¥ 381,427</u>	(2)	<u>¥ 84,961,250</u>
(3)	<u>¥ 641,930</u>	(3)	<u>¥ 1,395,076</u>
(4)	<u>¥ 26,478,013</u>	(4)	<u>¥ 1,726,508</u>
(5)	<u>¥ 74,562</u>	(5)	<u>¥ 40,251,387</u>
18		16	
(1)	<u>¥ 18,293,460</u>	(1)	<u>¥ 6,580,794</u>
(2)	<u>¥ 90,745,638</u>	(2)	<u>¥ 7,590,186</u>
(3)	<u>¥ 90,823,654</u>	(3)	<u>¥ 4,287,105</u>
(4)	<u>¥ 70,531,962</u>	(4)	<u>¥ 819,754</u>
(5)	<u>¥ 4,809,713</u>	(5)	<u>¥ 6,095,428</u>

Pre-1 Kyu Receipts (8 min)

19	
(1)	<u>¥ 54,601,378</u>
(2)	<u>¥ 6,274,319</u>
(3)	<u>¥ 2,178,493</u>
(4)	<u>¥ 34,290,187</u>
(5)	<u>¥ 163,849</u>
20	
(1)	<u>¥ 7,312,059</u>
(2)	<u>¥ 2,638,095</u>
(3)	<u>¥ 89,710,562</u>
(4)	<u>¥ 45,236</u>
(5)	<u>¥ 35,610,274</u>

Answers Pre-1 Kyu

Multiplication

1	<u>0.024</u>	6	<u>3,825,719,090</u>	11	<u>¥785,265,492</u>	16	<u>¥3,913,254</u>
2	<u>0.026</u>	7	<u>1,908,924,368</u>	12	<u>¥580,503,360</u>	17	<u>¥7,816</u>
3	<u>54,465.381</u>	8	<u>110,290.206</u>	13	<u>¥36,295</u>	18	<u>¥3,524,652,299</u>
4	<u>5,902,735,864</u>	9	<u>3,921,179,202</u>	14	<u>¥136,985,381</u>	19	<u>¥1,220,835,720</u>
5	<u>11,757.150</u>	10	<u>1,285,713,660</u>	15	<u>¥7,120,446,589</u>	20	<u>¥41,731</u>

Division

1	<u>6,970</u>	6	<u>4.687</u>	11	<u>¥86,947</u>	16	<u>¥5,836</u>
2	<u>234</u>	7	<u>18.753</u>	12	<u>¥1,504</u>	17	<u>¥398,102</u>
3	<u>349.071</u>	8	<u>94.608</u>	13	<u>¥62,570</u>	18	<u>¥4,103</u>
4	<u>5,129</u>	9	<u>8,502</u>	14	<u>¥948</u>	19	<u>¥3,125</u>
5	<u>30,965</u>	10	<u>71,286</u>	15	<u>¥26,751</u>	20	<u>¥74,239</u>

Sums

1	<u>¥1,451,537,168</u>	6	<u>¥2,195,537,550</u>
2	<u>¥1,778,790,263</u>	7	<u>¥494,630,639</u>
3	<u>¥1,501,425,152</u>	8	<u>¥2,009,995,606</u>
4	<u>¥1,396,966,629</u>	9	<u>-¥125,786,823</u>
5	<u>¥810,162,215</u>	10	<u>¥1,463,330,207</u>

Receipts

1	<u>¥233,621,928</u>	6	<u>¥210,930,075</u>
2	<u>¥273,190,905</u>	7	<u>¥312,363,117</u>
3	<u>¥248,605,047</u>	8	<u>¥280,164,177</u>
4	<u>¥158,085,000</u>	9	<u>¥212,925,177</u>
5	<u>¥216,905,877</u>	10	<u>¥177,570,189</u>