

Soroban Technology Lab

Pre-2 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	$4,539 \times 4,860 =$	11	$¥ 1,590 \times 0.1869 =$
2	$105.2 \times 0.9425 =$	12	$¥ 5,642 \times 5,974 =$
3	$0.7185 \times 15.79 =$	13	$¥ 4,735 \times 23.98 =$
4	$3,871 \times 7,398 =$	14	$¥ 9,481 \times 431.6 =$
5	$5,138 \times 2,091 =$	15	$¥ 21,934 \times 0.753 =$
6	$8,694 \times 0.0752 =$	16	$¥ 607 \times 34,250 =$
7	$206 \times 31.246 =$	17	$¥ 3,129 \times 6,247 =$
8	$6,290 \times 6,807 =$	18	$¥ 6,028 \times 9,801 =$
9	$94,763 \times 834 =$	19	$¥ 7,586 \times 8,105 =$
10	$0.0247 \times 51.63 =$	20	$¥ 8,703 \times 0.0672 =$

Division (10 min)

(Note) Round to 3 decimal places

(Note) Round to the nearest yen

1	$2,815.776 \div 864 =$	11	$¥ 18,204 \div 379.25 =$
2	$1,157,988 \div 13 =$	12	$¥ 4,715,980 \div 940 =$
3	$4,146,228 \div 5,427 =$	13	$¥ 1,794 \div 0.716 =$
4	$6,737.78 \div 283.1 =$	14	$¥ 512,996 \div 576.4 =$
5	$3,846,420 \div 419 =$	15	$¥ 2,062,787 \div 283 =$
6	$2,269,750 \div 350 =$	16	$¥ 52 \div 0.0832 =$
7	$4,583,148 \div 9,148 =$	17	$¥ 144,936 \div 1,098 =$
8	$0.3435465 \div 0.73095 =$	18	$¥ 3,123,946 \div 49 =$
9	$0.04584 \div 0.026 =$	19	$¥ 7,926,981 \div 867 =$
10	$6.04286 \div 65.72 =$	20	$¥ 222 \div 0.6501 =$

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Pre-2 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 7,134,089	¥ 890,461	¥ 8,294,563	¥ 391,754	¥ 3,098,425
2	350,472	9,018,237	150,837	58,216	743,968
3	905,217	54,873	5,479	2,467,039	-926,307
4	18,936	1,259	-1,986,025	182,956	-60,715
5	49,603	4,920,186	-27,861	73,485	2,869
6	6,708,524	76,543	62,403	3,721,690	4,170,532
7	243,186	6,709,325	4,013,756	940,821	14,890
8	8,579,210	587,016	9,541,280	4,507	8,457,031
9	5,862,497	245,738	-703,694	8,619,043	-1,289,654
10	6,351	3,162,904	-372,918	6,208,375	-531,276
Sum					

No.	6	7	8	9	10
1	¥ 47,290	¥ 6,153,842	¥ 62,954	¥ 2,879	¥ 79,654
2	834,159	3,048,671	753,081	13,542	308,742
3	60,581	-207,396	2,984,617	-8,056,417	1,530,267
4	9,684,203	-985,723	6,817,932	-39,268	5,310
5	2,718	70,652	502,463	180,346	980,721
6	375,964	817,094	31,795	9,527,031	6,894,305
7	5,409,823	96,238	8,674,230	674,890	8,657,139
8	6,750,312	5,462,189	9,805	463,925	12,984
9	123,647	-1,405	4,096,571	-5,348,701	263,849
10	7,598,061	-4,539,710	140,328	-7,291,650	4,021,576
Sum					

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Pre-2 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-2 Kyu Receipts (8 min)				
		2		
(1)	¥	402,958		
(2)	¥	21,789		
(3)	¥	234,590		
(4)	¥	427,860		
(5)	¥	614,092		
		3	1	
(1)	¥	1,243	(1)	¥ 26,179
(2)	¥	143,962	(2)	¥ 4,650
(3)	¥	59,028	(3)	¥ 308,417
(4)	¥	648,071	(4)	¥ 54,391
(5)	¥	428	(5)	¥ 208,763

Pre-2 Kyu Receipts (8 min)

6		4	
(1)	¥ <u>3,416</u>	(1)	¥ <u>674,851</u>
(2)	¥ <u>652</u>	(2)	¥ <u>974,801</u>
(3)	¥ <u>67,529</u>	(3)	¥ <u>6,357</u>
(4)	¥ <u>902,485</u>	(4)	¥ <u>5,369</u>
(5)	¥ <u>9,735</u>	(5)	¥ <u>1,569</u>
7		5	
(1)	¥ <u>97,302</u>	(1)	¥ <u>758,960</u>
(2)	¥ <u>5,387</u>	(2)	¥ <u>256,340</u>
(3)	¥ <u>981</u>	(3)	¥ <u>4,612</u>
(4)	¥ <u>726</u>	(4)	¥ <u>271,503</u>
(5)	¥ <u>590,613</u>	(5)	¥ <u>327,184</u>

10		8	
(1)	<u>¥ 58 /</u>	(1)	<u>¥ 39,720</u>
(2)	<u>¥ 307,526</u>	(2)	<u>¥ 80,193</u>
(3)	<u>¥ 875,104</u>	(3)	<u>¥ 780,436</u>
(4)	<u>¥ 3,948</u>	(4)	<u>¥ 89,157</u>
(5)	<u>¥ 53,284</u>	(5)	<u>¥ 74,906</u>
The next pages are questions (6)–(10).		9	
		(1)	<u>¥ 840,635</u>
		(2)	<u>¥ 79,418</u>
		(3)	<u>¥ 13,269</u>
		(4)	<u>¥ 10,632</u>
		(5)	<u>¥ 85,170</u>

Pre-2 Kyu Receipts (8 min)

13		11	
(1)	¥ <u>9,301</u>	(1)	¥ <u>960,247</u>
(2)	¥ <u>739</u>	(2)	¥ <u>165,370</u>
(3)	¥ <u>97,643</u>	(3)	¥ <u>580,162</u>
(4)	¥ <u>8,136</u>	(4)	¥ <u>6,908</u>
(5)	¥ <u>583</u>	(5)	¥ <u>291,640</u>
14		12	
(1)	¥ <u>86,054</u>	(1)	¥ <u>13,578</u>
(2)	¥ <u>50,284</u>	(2)	¥ <u>9,218</u>
(3)	¥ <u>72,581</u>	(3)	¥ <u>239,704</u>
(4)	¥ <u>97,028</u>	(4)	¥ <u>12,475</u>
(5)	¥ <u>1,946</u>	(5)	¥ <u>975,028</u>

Pre-2 Kyu Receipts (8 min)

17		15	
(1)	¥ <u>495,162</u>	(1)	¥ <u>237,189</u>
(2)	¥ <u>438,026</u>	(2)	¥ <u>2,960</u>
(3)	¥ <u>614,027</u>	(3)	¥ <u>1,963</u>
(4)	¥ <u>75,602</u>	(4)	¥ <u>231,954</u>
(5)	¥ <u>3,472</u>	(5)	¥ <u>420,715</u>
18		16	
(1)	¥ <u>6,480</u>	(1)	¥ <u>328</u>
(2)	¥ <u>697,105</u>	(2)	¥ <u>84,517</u>
(3)	¥ <u>803,419</u>	(3)	¥ <u>350</u>
(4)	¥ <u>450,317</u>	(4)	¥ <u>689,370</u>
(5)	¥ <u>38,950</u>	(5)	¥ <u>709,561</u>

Pre-2 Kyu Receipts (8 min)

19	
(1)	<u>2/ 501,672</u>
(2)	<u>2/ 326,497</u>
(3)	<u>2/ 5,986</u>
(4)	<u>2/ 584</u>
(5)	<u>2/ 64,837</u>
20	
(1)	<u>2/ 74,935</u>
(2)	<u>2/ 41,853</u>
(3)	<u>2/ 48,275</u>
(4)	<u>2/ 364,291</u>
(5)	<u>2/ 86,123</u>

Answers Pre-2 Kyu

Multiplication

1	<u>22,059,540</u>	6	<u>653.789</u>	11	<u>¥297</u>	16	<u>¥20,789,750</u>
2	<u>99.151</u>	7	<u>6,436,676</u>	12	<u>¥33,705,308</u>	17	<u>¥19,546,863</u>
3	<u>11.345</u>	8	<u>42,816,030</u>	13	<u>¥113,545</u>	18	<u>¥59,080,428</u>
4	<u>28,637,658</u>	9	<u>79,032,342</u>	14	<u>¥4,092,000</u>	19	<u>¥61,484,530</u>
5	<u>10,743,558</u>	10	<u>1.275</u>	15	<u>¥16,516</u>	20	<u>¥585</u>

Division

1	<u>3.259</u>	6	<u>6,485</u>	11	<u>¥48</u>	16	<u>¥625</u>
2	<u>89,076</u>	7	<u>501</u>	12	<u>¥5,017</u>	17	<u>¥132</u>
3	<u>764</u>	8	<u>0.47</u>	13	<u>¥2,506</u>	18	<u>¥63,754</u>
4	<u>23.8</u>	9	<u>1.763</u>	14	<u>¥890</u>	19	<u>¥9,143</u>
5	<u>9,180</u>	10	<u>0.092</u>	15	<u>¥7,289</u>	20	<u>¥341</u>

Sums

1	<u>¥29,858,085</u>	6	<u>¥30,886,758</u>
2	<u>¥25,666,542</u>	7	<u>¥9,914,452</u>
3	<u>¥18,977,820</u>	8	<u>¥24,073,776</u>
4	<u>¥22,667,886</u>	9	<u>-¥9,873,423</u>
5	<u>¥13,679,763</u>	10	<u>¥22,754,547</u>

Receipts

1	<u>¥2,845,845</u>	6	<u>¥2,384,946</u>
2	<u>¥1,874,718</u>	7	<u>¥1,816,569</u>
3	<u>¥2,350,323</u>	8	<u>¥2,464,110</u>
4	<u>¥2,414,142</u>	9	<u>¥1,936,665</u>
5	<u>¥1,965,744</u>	10	<u>¥2,592,855</u>