

Soroban Technology Lab

All Japan Soroban Contest: Tiebreaker Problems (10 min)

No.		Name	
Date			
Mental Sums 10 points × Number correct		Total	

(1) Mental Sums

No.	1	2	3	4	5
1	918	948	2,046	4,991	75,604
2	603	302	1,927	3,073	69,218
3	524	-176	3,052	-2,856	46,706
4	158	895	1,895	8,607	35,281
5	806	403	4,366	-2,541	93,572
6	472	-625	7,710	-9,107	41,099
7	399	-917	5,438	5,546	50,878
8	740	560	2,989	7,832	24,361
9	321	-287	6,741	-1,280	18,457
10	865	431	3,205	9,364	92,630
Sum					

Soroban Technology Lab

All Japan Soroban Contest: Tiebreaker Problems (10 min)

No.		Name	
Date			
Multiplication 5 points × Number correct	Division 5 points × Number correct	Sums 10 points × Number correct	Total

(2) Multiplication

No. 6	$150 \times 724 =$
7	$701 \times 802 =$
8	$6,312 \times 243 =$
9	$8,107 \times 630 =$
10	$7,974 \times 4,358 =$
11	$4,763 \times 8,615 =$
12	$54,658 \times 5,067 =$
13	$38,219 \times 3,756 =$
14	$23,095 \times 12,981 =$
15	$94,826 \times 97,049 =$

(3) Division

No. 16	$109,040 \div 290 =$
17	$37,023 \div 301 =$
18	$5,668,224 \div 928 =$
19	$4,658,535 \div 483 =$
20	$5,478,840 \div 1,539 =$
21	$36,055,825 \div 6,175 =$
22	$705,354,888 \div 8,347 =$
23	$396,078,464 \div 5,102 =$
24	$1,246,960,666 \div 42,586 =$
25	$3,335,964,828 \div 79,604 =$

(4) Sums

No.	26	27	28	29	30
1	731,216	1,671,809	32,498,307	748,935,620	6,483,720,179
2	429,050	4,583,264	65,081,291	311,864,092	8,019,234,615
3	678,939	-3,072,395	73,912,435	-890,217,756	3,190,625,428
4	510,475	-1,820,669	86,097,504	-614,059,523	1,308,546,752
5	864,138	7,208,345	42,178,653	743,908,651	8,761,293,504
6	922,674	-4,769,051	38,526,978	-568,247,103	7,495,806,132
7	317,905	2,457,198	40,754,123	472,193,868	2,763,159,084
8	550,326	5,794,013	17,609,245	387,405,972	9,256,718,340
9	461,882	-8,326,942	94,230,861	-956,320,314	3,847,039,651
10	103,497	6,135,780	71,365,089	109,654,287	4,029,985,716
Sum					

Answers All Japan Soroban Contest: Tiebreaker Problems

Mental Sums

1		5,806
2		1,534
3		39,369
4		23,629
5		547,806

Multiplication

6	108,600	11	41,033,245
7	562,202	12	276,952,086
8	1,533,816	13	143,550,564
9	5,107,410	14	299,796,195
10	34,750,692	15	9,202,768,474

Division

16	376	21	5,839
17	123	22	84,504
18	6,108	23	77,632
19	9,645	24	29,281
20	3,560	25	41,907

Sums

26	5,570,102
27	9,861,352
28	562,254,486
29	-254,882,206
30	55,156,129,401