

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	205	795	7,508	2,459	32,054
2	531	614	1,994	3,860	73,381
3	647	-308	6,237	7,118	96,047
4	308	642	4,780	-4,607	51,826
5	642	301	5,163	5,932	80,715
6	558	-978	7,990	-9,860	92,463
7	719	-532	8,461	1,527	73,580
8	163	120	3,524	-3,043	29,694
9	920	-479	1,072	-2,476	17,206
10	874	856	8,356	9,185	45,138
Sum					

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

(2) Multiplication

No. 6	$907 \times 486 =$
7	$710 \times 703 =$
8	$8,759 \times 147 =$
9	$2,638 \times 250 =$
10	$3,905 \times 3,075 =$
11	$1,274 \times 9,211 =$
12	$41,246 \times 2,688 =$
13	$68,703 \times 5,364 =$
14	$53,591 \times 64,709 =$
15	$96,482 \times 85,392 =$

(3) Division

No. 16	$276,330 \div 305 =$
17	$574,560 \div 912 =$
18	$5,800,203 \div 639 =$
19	$661,440 \div 120 =$
20	$10,338,427 \div 2,693 =$
21	$25,952,784 \div 8,756 =$
22	$54,339,480 \div 5,304 =$
23	$193,240,323 \div 4,581 =$
24	$6,360,721,848 \div 74,168 =$
25	$6,280,256,306 \div 82,097 =$

(4) Sums

No.	26	27	28	29	30
1	658,103	3,804,191	46,250,938	321,489,350	5,813,269,740
2	774,925	2,638,075	92,614,801	-807,256,196	2,145,936,107
3	965,341	5,276,492	23,506,347	571,794,308	4,858,312,670
4	803,579	-1,987,650	39,782,581	780,261,924	3,064,138,527
5	184,266	9,164,035	12,067,449	652,397,041	9,435,071,268
6	742,103	-8,793,254	60,793,512	-436,706,582	4,109,258,976
7	509,894	-6,120,780	53,908,725	364,059,821	5,213,460,789
8	327,751	1,353,426	17,489,680	-908,517,453	6,399,174,028
9	456,088	-4,592,867	61,526,473	-869,170,234	1,742,805,963
10	930,612	8,471,903	84,135,092	143,928,675	8,970,643,155
Sum					

Answers All Japan Soroban Contest: Tiebreaker Problems

Mental Sums

1		5,567
2		1,031
3		55,085
4		10,095
5		592,104

Multiplication

6	440,802	11	11,734,814
7	499,130	12	110,869,248
8	1,287,573	13	368,522,892
9	659,500	14	3,467,820,019
10	12,007,875	15	8,238,790,944

Division

16	906	21	2,964
17	630	22	10,245
18	9,077	23	42,183
19	5,512	24	85,761
20	3,839	25	76,498

Sums

26	6,352,662
27	9,213,571
28	492,075,598
29	-187,719,346
30	51,752,071,223