Soroban Technology Lab

All Japan Anzan Contest: Tiebreaker Problems (4 min)

No.		Name	
Date			

Mental Sums 10 points × Number correct	Total

(3) Mental Sums

No.	41	42	43	44	45	46	47	48	49	50
1	274	757	9,417	1,079	7,538	6,685	69,346	93,821	22,906	64,153
2	309	−189	6,804	8,587	5,051	7,123	42,858	84,970	85,351	80,972
3	617	324	936	403	3,942	4,790	3,011	6,523	41,428	79,105
4	195	603	721	−129	2,078	−2,325	5,793	−4,612	76,903	−38,266
5	403	560	3,965	496	1,694	−8,410	76,408	1,057	27,061	−43,540
6	756	192	702	6,702	4,137	1,946	92,037	39,815	58,349	19,782
7	820	284	8,451	−815	6,209	3,807	1,652	64,380	17,132	−46,808
8	538	−976	5,679	−7,330	9,825	−8,059	30,984	−7,129	60,894	97,321
9	762	−435	340	964	5,410	9,561	7,568	−78,603	79,580	55,094
10	941	801	128	5,218	8,763	7,234	4,129	5,492	34,256	21,637
Sum										

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No.		Name	
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Mental Multiplication 5 points × Number correct	Mental Division 5 points × Number correct	Total

(1) Mental Multiplication

No.		○ ×
1	13 × 6 =	
2	84 × 3 =	
3	22 × 4 =	
4	70 × 9 =	
5	905 × 2 =	
6	449 × 7 =	
7	515 × 5 =	
8	768 × 8 =	
9	94 × 11 =	
10	29 × 86 =	

No.		○ ×
11	68 × 30 =	
12	51 × 27 =	
13	10 × 532 =	
14	47 × 448 =	
15	331 × 50 =	
16	877 × 76 =	
17	393 × 903 =	
18	606 × 826 =	
19	502 × 979 =	
20	826 × 415 =	

(2) Mental Division

No.		○ ×
21	228 ÷ 3 =	
22	72 ÷ 6 =	
23	192 ÷ 4 =	
24	50 ÷ 2 =	
25	4,509 ÷ 9 =	
26	872 ÷ 8 =	
27	1,470 ÷ 5 =	
28	2,548 ÷ 7 =	
29	4,592 ÷ 56 =	
30	3,960 ÷ 40 =	

No.		○ ×
31	1,560 ÷ 24 =	
32	1,245 ÷ 15 =	
33	30,783 ÷ 331 =	
34	45,291 ÷ 93 =	
35	62,928 ÷ 828 =	
36	21,560 ÷ 70 =	
37	317,289 ÷ 609 =	
38	498,960 ÷ 792 =	
39	133,607 ÷ 851 =	
40	304,090 ÷ 647 =	

Answers All Japan Anzan Contest: Tiebreaker Problems

Mental Multiplication

1	78	6	3,143	11	2,040	16	66,652
2	252	7	2,575	12	1,377	17	354,879
3	88	8	6,144	13	5,320	18	500,556
4	630	9	1,034	14	21,056	19	491,458
5	1,810	10	2,494	15	16,550	20	342,790

Mental Division

21	76	26	109	31	65	36	308
22	12	27	294	32	83	37	521
23	48	28	364	33	93	38	630
24	25	29	82	34	487	39	157
25	501	30	99	35	76	40	470

Mental Sums

41	5,615	46	22,352
42	1,921	47	333,786
43	37,143	48	205,714
44	15,175	49	503,860
45	54,647	50	289,450