

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	638	534	855	3,475	4,501	5,869	26,857	4,779	21,178	62,017
2	766	912	1,901	4,719	3,927	3,770	8,975	56,346	65,049	58,359
3	951	-708	2,036	302	2,546	-4,412	3,032	19,825	40,697	-40,243
4	209	946	449	856	5,793	-3,596	14,607	-8,003	13,528	89,667
5	745	825	8,762	-781	8,601	8,201	85,211	-64,297	80,165	71,985
6	810	370	139	5,402	3,235	1,355	4,694	25,951	74,292	22,401
7	322	681	7,850	139	1,460	-9,248	2,560	1,076	48,303	13,098
8	583	-457	6,714	-8,693	9,872	6,067	79,382	3,488	56,711	-34,536
9	670	-103	528	-560	6,154	7,803	1,943	-7,564	37,960	-95,740
10	194	269	903	1,247	7,089	2,914	60,785	90,132	92,854	86,172
Sum										

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

(1) Mental Multiplication

○ ×			○ ×		
No. 1	$35 \times 6 =$		No. 11	$57 \times 41 =$	
2	$78 \times 9 =$		12	$86 \times 70 =$	
3	$12 \times 7 =$		13	$92 \times 519 =$	
4	$21 \times 5 =$		14	$79 \times 306 =$	
5	$403 \times 3 =$		15	$658 \times 62 =$	
6	$940 \times 4 =$		16	$736 \times 87 =$	
7	$104 \times 2 =$		17	$417 \times 907 =$	
8	$683 \times 8 =$		18	$609 \times 485 =$	
9	$21 \times 58 =$		19	$520 \times 164 =$	
10	$34 \times 23 =$		20	$895 \times 923 =$	

(2) Mental Division

○ ×			○ ×		
No. 21	$522 \div 6 =$		No. 31	$720 \div 20 =$	
22	$63 \div 3 =$		32	$4,183 \div 89 =$	
23	$108 \div 2 =$		33	$14,112 \div 784 =$	
24	$135 \div 9 =$		34	$42,150 \div 562 =$	
25	$1,540 \div 5 =$		35	$58,464 \div 96 =$	
26	$1,624 \div 8 =$		36	$28,149 \div 33 =$	
27	$3,388 \div 7 =$		37	$84,711 \div 151 =$	
28	$2,440 \div 4 =$		38	$319,934 \div 347 =$	
29	$2,232 \div 62 =$		39	$559,320 \div 708 =$	
30	$2,058 \div 49 =$		40	$102,795 \div 105 =$	

Answers All Japan Anzan Contest: Tiebreaker Problems

Mental Multiplication

1	<u>210</u>	6	<u>3,760</u>	11	<u>2,337</u>	16	<u>64,032</u>
2	<u>702</u>	7	<u>208</u>	12	<u>6,020</u>	17	<u>378,219</u>
3	<u>84</u>	8	<u>5,464</u>	13	<u>47,748</u>	18	<u>295,365</u>
4	<u>105</u>	9	<u>1,218</u>	14	<u>24,174</u>	19	<u>85,280</u>
5	<u>1,209</u>	10	<u>782</u>	15	<u>40,796</u>	20	<u>826,085</u>

Mental Division

21	<u>87</u>	26	<u>203</u>	31	<u>36</u>	36	<u>853</u>
22	<u>21</u>	27	<u>484</u>	32	<u>47</u>	37	<u>561</u>
23	<u>54</u>	28	<u>610</u>	33	<u>18</u>	38	<u>922</u>
24	<u>15</u>	29	<u>36</u>	34	<u>75</u>	39	<u>790</u>
25	<u>308</u>	30	<u>42</u>	35	<u>609</u>	40	<u>979</u>

Mental Sums

41	<u>5,888</u>	46	<u>18,723</u>
42	<u>3,269</u>	47	<u>288,046</u>
43	<u>30,137</u>	48	<u>121,733</u>
44	<u>6,106</u>	49	<u>530,737</u>
45	<u>53,178</u>	50	<u>233,180</u>