Soroban Technology Lab

Mental Calculation Pre-1 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division (8 min)

Mental Multiplication (4 min)

1	97 × 72 =
2	18 × 91 =
3	86 × 56 =
4	23 × 35 =
5	69 × 49 =
6	31 × 73 =
7	73 × 84 =
8	85 × 64 =
9	12 × 51 =
10	54 × 35 =
11	62 × 26 =
12	47 × 98 =
13	25 × 67 =
14	34 × 48 =
15	91 × 12 =
16	51 × 830 =
17	601 × 95 =
18	19 × 671 =
19	270 × 43 =
20	93 × 208 =
21	482 × 12 =
22	82 × 506 =
23	710 × 89 =
24	35 × 321 =
25	948 × 28 =
26	64 × 154 =
27	807 × 67 =
28	76 × 794 =
29	563 × 39 =
30	29 × 450 =

Mental Division (4 min)

1	4,042 ÷ 47 =
2	2,028 ÷ 52 =
3	3,956 ÷ 92 =
4	976 ÷ 16 =
5	6,305 ÷ 65 =
6	7,387 ÷ 83 =
7	4,602 ÷ 59 =
8	2,450 ÷ 98 =
9	754 ÷ 13 =
10	804 ÷ 67 =
11	3,185 ÷ 35 =
12	3,075 ÷ 41 =
13	1,128 ÷ 24 =
14	4,712 ÷ 76 =
15	2,856 ÷ 84 =
16	60,970 ÷ 670 =
17	28,728 ÷ 57 =
18	6,000 ÷ 125 =
19	30,708 ÷ 36 =
20	64,464 ÷ 816 =
21	5,880 ÷ 42 =
22	19,953 ÷ 739 =
23	13,272 ÷ 21 =
24	17,304 ÷ 309 =
25	44,478 ÷ 63 =
26	44,856 ÷ 504 =
27	17,876 ÷ 82 =
28	14,350 ÷ 410 =
29	75,660 ÷ 78 =
30	60,480 ÷ 945 =

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Mental Calculation Pre-1 Kyu Mental Sums (4 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	260	471	48	562	56
2	18	63	509	103	940
3	925	95	17	36	78
4	41	506	690	240	437
5	587	842	385	79	12
6	796	37	26	81	891
7	34	218	743	958	305
Sum					

No.	6	7	8	9	10
1	968	708	5,098	8,645	160
2	487	45	369	987	8,631
3	19	62	683	−2,560	352
4	541	957	7,834	4,279	2,108
5	35	16	497	714	7,245
6	73	289	1,250	3,086	937
7	206	310	2,106	−103	4,096
Sum					

No.	11	12	13	14	15
1	3,081	7,984	657	8,047	9,340
2	9,810	153	5,394	5,879	6,498
3	258	−6,201	142	365	261
4	7,923	9,368	4,051	−4,238	513
5	5,107	857	2,960	601	7,642
6	654	−469	873	2,796	387
7	426	5,042	9,108	−154	8,059
Sum					

Answers Mental Calculation Pre-1 Kyu

Mental Multiplication

1	6,984	7	6,132	13	1,675	19	11,610	25	26,544
2	1,638	8	5,440	14	1,632	20	19,344	26	9,856
3	4,816	9	612	15	1,092	21	5,784	27	54,069
4	805	10	1,890	16	42,330	22	41,492	28	60,344
5	3,381	11	1,612	17	57,095	23	63,190	29	21,957
6	2,263	12	4,606	18	12,749	24	11,235	30	13,050

Mental Division

1	86	7	78	13	47	19	853	25	706
2	39	8	25	14	62	20	79	26	89
3	43	9	58	15	34	21	140	27	218
4	61	10	12	16	91	22	27	28	35
5	97	11	91	17	504	23	632	29	970
6	89	12	75	18	48	24	56	30	64

Mental Sums

1	2,661	6	2,329	11	27,259
2	2,232	7	2,387	12	16,734
3	2,418	8	17,837	13	23,185
4	2,059	9	15,048	14	13,296
5	2,719	10	23,529	15	32,700