Soroban Technology Lab

Mental Calculation Pre-3 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division (8 min)

Mental Multiplication (4 min)

1	32 × 2 =
2	67 × 6 =
3	85 × 9 =
4	78 × 5 =
5	97 × 8 =
6	43 × 4 =
7	21 × 7 =
8	31 × 3 =
9	19 × 9 =
10	56 × 6 =
11	694 × 5 =
12	263 × 2 =
13	845 × 7 =
14	154 × 8 =
15	702 × 4 =
16	341 × 3 =
17	264 × 9 =
18	805 × 7 =
19	197 × 8 =
20	420 × 4 =
21	963 × 6 =
22	790 × 9 =
23	836 × 5 =
24	519 × 8 =
25	372 × 2 =
26	458 × 6 =
27	780 × 7 =
28	675 × 4 =
29	189 × 5 =
30	206 × 3 =

Mental Division (4 min)

1	427 ÷ 7 =
2	332 ÷ 4 =
3	224 ÷ 8 =
4	108 ÷ 2 =
5	588 ÷ 6 =
6	621 ÷ 9 =
7	60 ÷ 5 =
8	504 ÷ 7 =
9	360 ÷ 8 =
10	148 ÷ 4 =
11	7,677 ÷ 9 =
12	5,610 ÷ 6 =
13	3,530 ÷ 5 =
14	582 ÷ 3 =
15	952 ÷ 2 =
16	2,058 ÷ 7 =
17	8,442 ÷ 9 =
18	3,126 ÷ 6 =
19	2,960 ÷ 8 =
20	3,440 ÷ 4 =
21	254 ÷ 2 =
22	3,210 ÷ 5 =
23	1,641 ÷ 3 =
24	2,863 ÷ 7 =
25	1,712 ÷ 8 =
26	2,812 ÷ 4 =
27	8,685 ÷ 9 =
28	4,065 ÷ 5 =
29	936 ÷ 6 =
30	1,155 ÷ 3 =

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Mental Calculation Pre-3 Kyu Mental Sums (4 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	37	50	84	92	97
2	63	83	10	78	85
3	14	91	32	29	43
4	90	42	56	35	58
5	78	78	93	64	20
6	25	69	79	10	16
Sum					

No.	6	7	8	9	10
1	72	16	30	17	16
2	83	51	48	48	72
3	57	74	72	89	20
4	38	25	15	52	89
5	26	87	59	95	93
6	94	90	86	61	48
7	10	43	97	30	51
Sum					

No.	11	12	13	14	15
1	18	68	24	67	13
2	20	50	37	54	62
3	34	94	61	83	54
4	63	17	70	75	91
5	79	25	95	29	89
6	87	41	19	46	20
7	45	73	48	10	76
Sum					

Answers Mental Calculation Pre-3 Kyu

Mental Multiplication

1	64	7	147	13	5,915	19	1,576	25	744
2	402	8	93	14	1,232	20	1,680	26	2,748
3	765	9	171	15	2,808	21	5,778	27	5,460
4	390	10	336	16	1,023	22	7,110	28	2,700
5	776	11	3,470	17	2,376	23	4,180	29	945
6	172	12	526	18	5,635	24	4,152	30	618

Mental Division

1	61	7	12	13	706	19	370	25	214
2	83	8	72	14	194	20	860	26	703
3	28	9	45	15	476	21	127	27	965
4	54	10	37	16	294	22	642	28	813
5	98	11	853	17	938	23	547	29	156
6	69	12	935	18	521	24	409	30	385

Mental Sums

1	307	6	380	11	346
2	413	7	386	12	368
3	354	8	407	13	354
4	308	9	392	14	364
5	319	10	389	15	405