

# あんざん3級 第1回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$617 \times 9 =$
2	$725 \times 4 =$
3	$759 \times 3 =$
4	$665 \times 9 =$
5	$298 \times 6 =$
6	$790 \times 2 =$
7	$769 \times 3 =$
8	$736 \times 7 =$
9	$858 \times 2 =$
10	$931 \times 6 =$
11	$83 \times 41 =$
12	$74 \times 41 =$
13	$76 \times 50 =$
14	$52 \times 51 =$
15	$31 \times 20 =$
16	$74 \times 50 =$
17	$68 \times 81 =$
18	$79 \times 59 =$
19	$21 \times 69 =$
20	$73 \times 17 =$

1	$1,544 \div 4 =$
2	$3,285 \div 5 =$
3	$1,156 \div 2 =$
4	$744 \div 6 =$
5	$1,974 \div 3 =$
6	$1,020 \div 5 =$
7	$3,168 \div 6 =$
8	$780 \div 5 =$
9	$1,542 \div 3 =$
10	$8,307 \div 9 =$
11	$891 \div 27 =$
12	$1,260 \div 21 =$
13	$1,034 \div 22 =$
14	$656 \div 16 =$
15	$2,838 \div 86 =$
16	$846 \div 18 =$
17	$2,484 \div 46 =$
18	$918 \div 51 =$
19	$7,052 \div 82 =$
20	$2,418 \div 39 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

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1	2	3	4	5
10	28	67	19	60
13	44	57	54	89
14	86	71	21	70
36	95	23	80	11
30	50	66	20	34

6	7	8	9	10
89	28	75	43	35
45	67	58	55	32
69	33	32	53	92
50	14	75	85	18
30	60	77	14	45

11	12	13	14	15
70	12	62	51	83
69	52	29	49	92
13	71	20	83	29
90	70	96	47	23
53	96	71	26	37

16	17	18	19	20
86	30	81	26	50
11	54	53	91	98
71	74	34	22	29
51	63	54	89	66
37	28	44	11	88

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第2回

乗暗算

3分

点数 1問5点 (100点)

1	$659 \times 4 =$
2	$148 \times 8 =$
3	$234 \times 2 =$
4	$336 \times 6 =$
5	$198 \times 2 =$
6	$922 \times 8 =$
7	$650 \times 3 =$
8	$157 \times 8 =$
9	$511 \times 6 =$
10	$829 \times 3 =$
11	$12 \times 19 =$
12	$14 \times 77 =$
13	$87 \times 88 =$
14	$11 \times 12 =$
15	$49 \times 62 =$
16	$78 \times 24 =$
17	$97 \times 15 =$
18	$54 \times 11 =$
19	$81 \times 37 =$
20	$59 \times 26 =$

除暗算

3分

点数 1問5点 (100点)

1	$3,325 \div 5 =$
2	$4,746 \div 6 =$
3	$3,575 \div 5 =$
4	$3,780 \div 7 =$
5	$942 \div 2 =$
6	$5,128 \div 8 =$
7	$2,943 \div 3 =$
8	$3,970 \div 5 =$
9	$1,724 \div 4 =$
10	$4,855 \div 5 =$
11	$3,276 \div 91 =$
12	$1,950 \div 65 =$
13	$742 \div 14 =$
14	$1,140 \div 76 =$
15	$2,231 \div 97 =$
16	$3,240 \div 40 =$
17	$2,345 \div 67 =$
18	$2,210 \div 34 =$
19	$4,352 \div 64 =$
20	$8,464 \div 92 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
85	24	53	84	27
88	73	71	87	74
14	29	71	15	55
30	27	80	80	88
25	90	46	21	43

6	7	8	9	10
84	53	25	63	96
40	35	25	91	78
67	69	70	61	91
95	77	89	91	23
99	59	32	22	11

11	12	13	14	15
23	14	83	95	15
68	77	16	95	13
30	59	64	60	66
76	87	64	11	89
62	80	44	54	72

16	17	18	19	20
18	99	49	66	64
35	31	64	32	76
37	26	43	56	12
80	53	55	12	16
79	62	79	88	15

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第3回

乗暗算

3分

点数 1問5点 (100点)

1	$969 \times 7 =$
2	$339 \times 3 =$
3	$776 \times 5 =$
4	$108 \times 9 =$
5	$556 \times 2 =$
6	$435 \times 5 =$
7	$273 \times 3 =$
8	$695 \times 9 =$
9	$987 \times 5 =$
10	$110 \times 9 =$
11	$88 \times 97 =$
12	$35 \times 45 =$
13	$41 \times 59 =$
14	$51 \times 63 =$
15	$11 \times 71 =$
16	$73 \times 49 =$
17	$11 \times 71 =$
18	$35 \times 21 =$
19	$56 \times 88 =$
20	$52 \times 86 =$

除暗算

3分

点数 1問5点 (100点)

1	$748 \div 2 =$
2	$5,292 \div 6 =$
3	$1,684 \div 4 =$
4	$459 \div 3 =$
5	$2,404 \div 4 =$
6	$360 \div 2 =$
7	$1,828 \div 2 =$
8	$3,408 \div 8 =$
9	$1,986 \div 3 =$
10	$3,816 \div 9 =$
11	$756 \div 28 =$
12	$1,649 \div 97 =$
13	$1,738 \div 79 =$
14	$697 \div 41 =$
15	$1,932 \div 92 =$
16	$1,240 \div 62 =$
17	$2,805 \div 85 =$
18	$2,075 \div 83 =$
19	$1,334 \div 29 =$
20	$2,257 \div 37 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
81	87	24	88	18
54	33	59	33	68
88	14	70	96	30
32	19	61	58	26
50	14	76	93	83

6	7	8	9	10
73	94	84	70	63
20	34	26	53	42
90	81	56	83	70
30	73	59	81	45
13	45	88	73	31

11	12	13	14	15
49	70	98	69	90
76	56	93	46	16
99	96	26	82	61
27	39	12	96	73
42	76	61	99	67

16	17	18	19	20
16	84	45	10	66
94	57	96	73	88
79	17	32	92	52
69	36	46	66	75
75	93	22	85	98

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第4回

乗暗算

3分

点数 1問5点 (100点)

1	$159 \times 8 =$
2	$135 \times 8 =$
3	$272 \times 3 =$
4	$517 \times 7 =$
5	$734 \times 5 =$
6	$725 \times 6 =$
7	$646 \times 3 =$
8	$489 \times 4 =$
9	$942 \times 5 =$
10	$142 \times 4 =$
11	$67 \times 70 =$
12	$77 \times 77 =$
13	$43 \times 34 =$
14	$62 \times 46 =$
15	$28 \times 48 =$
16	$69 \times 72 =$
17	$85 \times 12 =$
18	$34 \times 32 =$
19	$61 \times 44 =$
20	$84 \times 74 =$

除暗算

3分

点数 1問5点 (100点)

1	$1,000 \div 8 =$
2	$1,914 \div 6 =$
3	$4,620 \div 6 =$
4	$2,884 \div 7 =$
5	$1,508 \div 2 =$
6	$1,872 \div 6 =$
7	$640 \div 2 =$
8	$1,806 \div 7 =$
9	$4,130 \div 7 =$
10	$3,480 \div 8 =$
11	$741 \div 19 =$
12	$912 \div 38 =$
13	$1,470 \div 15 =$
14	$2,436 \div 84 =$
15	$5,247 \div 53 =$
16	$1,020 \div 30 =$
17	$2,079 \div 63 =$
18	$2,349 \div 81 =$
19	$1,190 \div 14 =$
20	$605 \div 55 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
60	98	30	86	61
33	19	36	41	98
76	31	92	25	78
49	42	90	40	40
76	77	21	19	15

6	7	8	9	10
15	19	27	35	95
34	11	33	39	32
96	28	14	71	58
90	20	59	89	46
81	90	48	75	33

11	12	13	14	15
41	83	33	87	30
92	31	20	82	76
55	71	16	97	20
38	63	93	61	85
21	31	92	64	58

16	17	18	19	20
26	45	75	34	53
40	27	50	46	91
11	89	66	15	55
56	58	33	39	65
22	11	10	70	76

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格



# あんざん3級 第5回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$350 \times 7 =$
2	$660 \times 4 =$
3	$250 \times 7 =$
4	$188 \times 4 =$
5	$815 \times 3 =$
6	$492 \times 2 =$
7	$921 \times 7 =$
8	$969 \times 2 =$
9	$210 \times 9 =$
10	$196 \times 2 =$
11	$21 \times 99 =$
12	$52 \times 59 =$
13	$87 \times 58 =$
14	$46 \times 94 =$
15	$43 \times 63 =$
16	$60 \times 12 =$
17	$88 \times 86 =$
18	$35 \times 76 =$
19	$95 \times 21 =$
20	$82 \times 99 =$

1	$6,867 \div 9 =$
2	$682 \div 2 =$
3	$2,120 \div 5 =$
4	$705 \div 5 =$
5	$531 \div 3 =$
6	$6,328 \div 7 =$
7	$1,492 \div 4 =$
8	$4,500 \div 6 =$
9	$672 \div 6 =$
10	$3,424 \div 8 =$
11	$6,072 \div 88 =$
12	$1,248 \div 16 =$
13	$1,980 \div 66 =$
14	$4,761 \div 69 =$
15	$2,535 \div 65 =$
16	$2,201 \div 31 =$
17	$6,952 \div 88 =$
18	$6,210 \div 90 =$
19	$1,725 \div 25 =$
20	$1,372 \div 49 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
55	21	79	95	74
18	82	47	86	53
57	34	89	36	55
29	35	64	92	59
79	96	14	21	11

6	7	8	9	10
46	22	49	44	66
82	55	12	74	29
82	22	62	73	60
44	83	69	51	43
14	41	47	72	65

11	12	13	14	15
48	57	62	32	32
69	21	63	77	69
60	28	84	18	91
72	24	62	64	34
15	37	75	91	12

16	17	18	19	20
37	16	59	30	79
31	10	47	98	66
10	64	63	96	22
27	63	65	94	99
71	63	62	74	37

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第6回

乗暗算

3分

点数 1問5点 (100点)

1	$465 \times 7 =$
2	$344 \times 3 =$
3	$246 \times 2 =$
4	$273 \times 7 =$
5	$348 \times 2 =$
6	$680 \times 2 =$
7	$281 \times 3 =$
8	$643 \times 8 =$
9	$350 \times 7 =$
10	$387 \times 3 =$
11	$41 \times 73 =$
12	$71 \times 80 =$
13	$66 \times 68 =$
14	$87 \times 21 =$
15	$28 \times 52 =$
16	$63 \times 85 =$
17	$59 \times 77 =$
18	$36 \times 76 =$
19	$30 \times 67 =$
20	$19 \times 38 =$

除暗算

3分

点数 1問5点 (100点)

1	$3,760 \div 8 =$
2	$7,960 \div 8 =$
3	$3,444 \div 6 =$
4	$981 \div 9 =$
5	$507 \div 3 =$
6	$3,264 \div 6 =$
7	$2,031 \div 3 =$
8	$1,300 \div 4 =$
9	$1,676 \div 2 =$
10	$2,142 \div 9 =$
11	$1,683 \div 51 =$
12	$3,696 \div 84 =$
13	$3,050 \div 61 =$
14	$2,075 \div 83 =$
15	$8,832 \div 92 =$
16	$4,070 \div 55 =$
17	$1,674 \div 93 =$
18	$5,561 \div 67 =$
19	$880 \div 40 =$
20	$1,995 \div 21 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
34	12	77	65	37
32	58	39	43	42
11	71	11	87	89
45	60	33	96	62
45	64	25	67	74

6	7	8	9	10
59	16	53	64	92
48	33	19	11	85
47	95	30	22	36
64	58	88	61	25
16	74	16	77	37

11	12	13	14	15
96	50	55	20	87
45	37	86	11	43
15	73	46	88	48
35	51	58	59	44
37	91	53	86	55

16	17	18	19	20
92	12	58	23	21
88	69	56	65	94
87	13	53	26	69
33	99	91	78	85
21	60	63	12	57

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第7回

乗暗算

3分

点数 1問5点 (100点)

1	$989 \times 2 =$
2	$829 \times 4 =$
3	$439 \times 4 =$
4	$836 \times 6 =$
5	$609 \times 6 =$
6	$557 \times 5 =$
7	$220 \times 5 =$
8	$163 \times 9 =$
9	$991 \times 3 =$
10	$260 \times 8 =$
11	$24 \times 11 =$
12	$19 \times 67 =$
13	$58 \times 53 =$
14	$31 \times 16 =$
15	$56 \times 26 =$
16	$59 \times 89 =$
17	$14 \times 23 =$
18	$23 \times 56 =$
19	$20 \times 35 =$
20	$36 \times 65 =$

除暗算

3分

点数 1問5点 (100点)

1	$1,463 \div 7 =$
2	$2,820 \div 6 =$
3	$4,200 \div 8 =$
4	$1,476 \div 4 =$
5	$2,688 \div 7 =$
6	$940 \div 2 =$
7	$972 \div 4 =$
8	$2,289 \div 3 =$
9	$6,566 \div 7 =$
10	$5,430 \div 6 =$
11	$8,514 \div 99 =$
12	$6,956 \div 94 =$
13	$270 \div 15 =$
14	$3,240 \div 45 =$
15	$1,833 \div 47 =$
16	$7,488 \div 78 =$
17	$3,740 \div 85 =$
18	$3,520 \div 80 =$
19	$1,940 \div 20 =$
20	$2,001 \div 23 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
60	19	74	89	31
45	99	24	36	28
66	94	25	14	55
23	22	78	30	98
37	59	59	42	65

6	7	8	9	10
87	19	74	32	73
23	60	33	94	35
14	23	94	86	57
61	57	11	62	62
51	49	71	45	18

11	12	13	14	15
28	80	88	41	69
68	60	92	60	73
52	63	60	13	23
62	42	19	64	17
35	73	74	16	43

16	17	18	19	20
33	23	35	99	69
40	26	58	69	44
22	30	16	35	88
38	91	54	34	56
90	53	78	17	22

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第8回

乗暗算

3分

点数 1問5点 (100点)

1	$197 \times 4 =$
2	$532 \times 2 =$
3	$967 \times 7 =$
4	$838 \times 7 =$
5	$536 \times 9 =$
6	$740 \times 9 =$
7	$437 \times 3 =$
8	$350 \times 4 =$
9	$328 \times 6 =$
10	$492 \times 8 =$
11	$13 \times 18 =$
12	$38 \times 78 =$
13	$21 \times 57 =$
14	$97 \times 65 =$
15	$17 \times 87 =$
16	$32 \times 43 =$
17	$94 \times 49 =$
18	$51 \times 51 =$
19	$74 \times 88 =$
20	$46 \times 43 =$

除暗算

3分

点数 1問5点 (100点)

1	$309 \div 3 =$
2	$6,120 \div 8 =$
3	$4,410 \div 9 =$
4	$3,168 \div 8 =$
5	$2,724 \div 3 =$
6	$498 \div 3 =$
7	$8,433 \div 9 =$
8	$3,240 \div 5 =$
9	$1,385 \div 5 =$
10	$3,564 \div 9 =$
11	$403 \div 31 =$
12	$2,976 \div 96 =$
13	$3,420 \div 76 =$
14	$5,120 \div 64 =$
15	$1,960 \div 49 =$
16	$2,262 \div 29 =$
17	$1,287 \div 99 =$
18	$2,820 \div 94 =$
19	$2,788 \div 34 =$
20	$7,068 \div 76 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
93	28	26	27	33
17	62	52	77	89
80	69	51	34	60
75	45	35	15	22
74	98	20	29	32

6	7	8	9	10
73	53	21	10	11
85	46	96	73	62
92	12	41	27	49
82	74	27	56	69
51	29	17	58	91

11	12	13	14	15
50	55	16	69	51
63	32	47	74	27
15	69	19	36	27
61	52	48	91	28
80	66	65	50	50

16	17	18	19	20
12	94	39	24	26
20	63	44	84	51
75	68	64	30	90
13	43	26	18	31
45	71	43	28	99

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格



# あんざん3級 第9回

乗暗算

3分

点数 1問5点 (100点)

1	$383 \times 7 =$
2	$390 \times 5 =$
3	$914 \times 3 =$
4	$828 \times 8 =$
5	$838 \times 6 =$
6	$697 \times 3 =$
7	$630 \times 9 =$
8	$943 \times 8 =$
9	$747 \times 3 =$
10	$551 \times 3 =$
11	$67 \times 96 =$
12	$15 \times 44 =$
13	$48 \times 13 =$
14	$63 \times 36 =$
15	$90 \times 13 =$
16	$11 \times 37 =$
17	$66 \times 82 =$
18	$16 \times 20 =$
19	$53 \times 63 =$
20	$20 \times 80 =$

除暗算

3分

点数 1問5点 (100点)

1	$2,100 \div 5 =$
2	$3,051 \div 9 =$
3	$1,360 \div 8 =$
4	$1,410 \div 6 =$
5	$6,545 \div 7 =$
6	$7,407 \div 9 =$
7	$3,252 \div 4 =$
8	$2,704 \div 4 =$
9	$428 \div 4 =$
10	$6,237 \div 7 =$
11	$949 \div 73 =$
12	$1,408 \div 32 =$
13	$440 \div 40 =$
14	$2,600 \div 65 =$
15	$2,520 \div 56 =$
16	$3,564 \div 36 =$
17	$4,982 \div 53 =$
18	$3,784 \div 44 =$
19	$858 \div 22 =$
20	$1,932 \div 84 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

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1	2	3	4	5
78	72	74	26	35
33	63	99	58	37
28	89	30	64	22
64	19	67	31	38
47	80	15	52	11

6	7	8	9	10
43	89	16	22	58
46	24	57	67	34
18	72	86	12	67
37	87	38	48	97
50	50	64	95	40

11	12	13	14	15
44	61	43	51	66
98	35	81	54	44
36	50	48	28	55
55	87	62	28	71
82	90	33	57	71

16	17	18	19	20
17	29	58	53	28
49	51	20	10	87
85	57	22	31	29
75	49	53	34	82
39	68	26	51	70

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第10回

乗暗算

3分

点数 1問5点 (100点)

1	$348 \times 7 =$
2	$596 \times 9 =$
3	$953 \times 5 =$
4	$706 \times 2 =$
5	$518 \times 2 =$
6	$649 \times 6 =$
7	$498 \times 8 =$
8	$439 \times 2 =$
9	$164 \times 2 =$
10	$358 \times 7 =$
11	$30 \times 53 =$
12	$74 \times 49 =$
13	$35 \times 51 =$
14	$42 \times 29 =$
15	$90 \times 15 =$
16	$81 \times 16 =$
17	$41 \times 31 =$
18	$45 \times 64 =$
19	$27 \times 56 =$
20	$81 \times 76 =$

除暗算

3分

点数 1問5点 (100点)

1	$3,906 \div 9 =$
2	$741 \div 3 =$
3	$6,561 \div 9 =$
4	$2,094 \div 3 =$
5	$3,272 \div 8 =$
6	$5,173 \div 7 =$
7	$832 \div 4 =$
8	$1,792 \div 7 =$
9	$2,365 \div 5 =$
10	$1,020 \div 3 =$
11	$1,150 \div 25 =$
12	$1,598 \div 34 =$
13	$3,216 \div 48 =$
14	$3,534 \div 38 =$
15	$2,538 \div 27 =$
16	$4,004 \div 91 =$
17	$793 \div 13 =$
18	$3,976 \div 71 =$
19	$4,136 \div 88 =$
20	$1,890 \div 54 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
59	47	10	65	95
56	26	60	76	61
61	58	46	40	13
83	65	48	43	66
64	31	48	56	54

6	7	8	9	10
92	82	56	31	54
66	62	75	86	36
12	19	46	59	70
61	85	60	94	38
50	11	37	13	78

11	12	13	14	15
88	34	67	26	99
17	27	53	60	30
93	17	53	14	91
51	12	84	96	49
14	89	71	13	43

16	17	18	19	20
58	61	58	20	98
10	29	40	27	75
34	22	76	91	26
57	48	49	15	12
32	17	15	66	51

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第11回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$478 \times 4 =$
2	$754 \times 9 =$
3	$378 \times 8 =$
4	$147 \times 9 =$
5	$171 \times 2 =$
6	$481 \times 3 =$
7	$625 \times 6 =$
8	$884 \times 2 =$
9	$253 \times 7 =$
10	$613 \times 8 =$
11	$28 \times 87 =$
12	$19 \times 46 =$
13	$83 \times 96 =$
14	$38 \times 46 =$
15	$42 \times 64 =$
16	$81 \times 40 =$
17	$93 \times 88 =$
18	$60 \times 48 =$
19	$69 \times 56 =$
20	$46 \times 46 =$

1	$5,384 \div 8 =$
2	$3,396 \div 6 =$
3	$1,372 \div 7 =$
4	$236 \div 2 =$
5	$1,080 \div 8 =$
6	$1,970 \div 2 =$
7	$1,144 \div 4 =$
8	$942 \div 3 =$
9	$4,635 \div 5 =$
10	$8,496 \div 9 =$
11	$1,066 \div 13 =$
12	$1,104 \div 12 =$
13	$3,752 \div 56 =$
14	$1,260 \div 30 =$
15	$3,869 \div 73 =$
16	$2,990 \div 65 =$
17	$1,139 \div 67 =$
18	$6,860 \div 98 =$
19	$2,793 \div 57 =$
20	$6,438 \div 74 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
24	50	49	44	82
56	79	73	21	32
81	92	96	67	41
55	95	20	73	18
40	95	97	84	30

6	7	8	9	10
78	68	78	55	24
95	99	76	42	78
79	39	28	70	51
67	50	85	33	45
93	43	82	44	77

11	12	13	14	15
57	86	21	45	60
58	31	63	68	49
12	94	76	35	47
71	28	28	24	33
33	17	32	42	80

16	17	18	19	20
32	56	44	90	18
62	35	75	73	72
76	99	68	99	71
50	42	42	98	98
41	88	87	46	89

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第12回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$333 \times 6 =$
2	$837 \times 5 =$
3	$280 \times 7 =$
4	$683 \times 5 =$
5	$768 \times 7 =$
6	$877 \times 6 =$
7	$989 \times 2 =$
8	$563 \times 4 =$
9	$695 \times 2 =$
10	$766 \times 7 =$
11	$21 \times 66 =$
12	$58 \times 45 =$
13	$25 \times 27 =$
14	$12 \times 33 =$
15	$59 \times 41 =$
16	$57 \times 46 =$
17	$76 \times 44 =$
18	$68 \times 92 =$
19	$17 \times 27 =$
20	$79 \times 53 =$

1	$4,023 \div 9 =$
2	$399 \div 3 =$
3	$747 \div 3 =$
4	$5,502 \div 7 =$
5	$7,479 \div 9 =$
6	$6,432 \div 8 =$
7	$1,305 \div 9 =$
8	$3,745 \div 7 =$
9	$2,304 \div 9 =$
10	$4,968 \div 6 =$
11	$3,321 \div 41 =$
12	$2,940 \div 35 =$
13	$1,681 \div 41 =$
14	$1,475 \div 25 =$
15	$3,220 \div 70 =$
16	$702 \div 54 =$
17	$7,189 \div 79 =$
18	$1,044 \div 58 =$
19	$2,516 \div 68 =$
20	$4,320 \div 96 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
17	58	67	42	85
17	73	66	67	27
30	43	87	62	12
94	76	43	22	68
74	29	39	32	49

6	7	8	9	10
11	43	36	21	90
94	28	54	13	13
38	58	12	78	15
18	38	30	56	22
61	72	17	93	33

11	12	13	14	15
48	84	50	79	71
53	25	28	59	44
53	78	80	61	52
17	85	40	39	17
72	54	18	23	45

16	17	18	19	20
42	50	46	60	35
85	59	91	26	78
99	96	98	40	20
37	24	18	73	16
28	13	90	12	68

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格



# あんざん3級 第13回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$353 \times 8 =$
2	$713 \times 9 =$
3	$324 \times 8 =$
4	$901 \times 5 =$
5	$114 \times 3 =$
6	$351 \times 7 =$
7	$706 \times 6 =$
8	$608 \times 7 =$
9	$114 \times 7 =$
10	$567 \times 6 =$
11	$63 \times 73 =$
12	$83 \times 34 =$
13	$38 \times 56 =$
14	$74 \times 22 =$
15	$46 \times 12 =$
16	$19 \times 56 =$
17	$92 \times 44 =$
18	$49 \times 21 =$
19	$81 \times 33 =$
20	$43 \times 15 =$

1	$938 \div 7 =$
2	$6,531 \div 7 =$
3	$2,478 \div 7 =$
4	$4,776 \div 6 =$
5	$1,503 \div 3 =$
6	$4,149 \div 9 =$
7	$4,338 \div 9 =$
8	$5,312 \div 8 =$
9	$5,418 \div 6 =$
10	$2,412 \div 3 =$
11	$3,362 \div 41 =$
12	$804 \div 67 =$
13	$2,223 \div 39 =$
14	$4,876 \div 92 =$
15	$5,775 \div 77 =$
16	$299 \div 13 =$
17	$1,848 \div 56 =$
18	$2,448 \div 68 =$
19	$2,196 \div 61 =$
20	$2,760 \div 40 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
62	80	21	34	69
63	67	55	55	13
78	69	62	69	14
66	17	93	66	82
21	86	10	98	10

6	7	8	9	10
88	51	26	42	52
40	81	71	15	78
66	81	26	48	23
61	94	49	67	90
22	35	57	61	26

11	12	13	14	15
61	20	90	53	47
98	85	45	46	63
63	45	57	29	18
41	31	99	26	35
26	28	10	67	54

16	17	18	19	20
59	88	82	42	28
33	42	57	12	34
18	91	82	27	96
70	37	80	41	62
80	48	59	72	62

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第14回

乗暗算

3分

点数 1問5点 (100点)

1	$683 \times 2 =$
2	$279 \times 4 =$
3	$117 \times 8 =$
4	$731 \times 5 =$
5	$933 \times 4 =$
6	$882 \times 5 =$
7	$437 \times 6 =$
8	$437 \times 2 =$
9	$815 \times 2 =$
10	$281 \times 3 =$
11	$94 \times 62 =$
12	$55 \times 39 =$
13	$13 \times 52 =$
14	$17 \times 62 =$
15	$43 \times 74 =$
16	$27 \times 74 =$
17	$12 \times 51 =$
18	$35 \times 60 =$
19	$16 \times 12 =$
20	$70 \times 84 =$

除暗算

3分

点数 1問5点 (100点)

1	$4,955 \div 5 =$
2	$1,986 \div 2 =$
3	$3,915 \div 5 =$
4	$4,752 \div 6 =$
5	$1,728 \div 8 =$
6	$1,185 \div 5 =$
7	$6,057 \div 9 =$
8	$2,916 \div 6 =$
9	$3,241 \div 7 =$
10	$318 \div 3 =$
11	$4,850 \div 50 =$
12	$4,355 \div 65 =$
13	$1,998 \div 74 =$
14	$4,428 \div 54 =$
15	$3,686 \div 38 =$
16	$8,836 \div 94 =$
17	$2,795 \div 65 =$
18	$5,304 \div 78 =$
19	$357 \div 17 =$
20	$6,072 \div 69 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
64	73	15	41	51
43	99	63	25	70
47	75	91	62	92
26	13	65	26	71
96	21	17	33	42

6	7	8	9	10
26	17	30	60	52
87	91	67	80	82
59	37	34	68	89
43	59	16	51	56
42	69	95	92	95

11	12	13	14	15
78	12	54	35	47
11	10	34	58	61
39	57	43	32	94
25	90	93	35	67
62	96	35	60	51

16	17	18	19	20
41	10	65	89	83
32	88	83	48	44
49	79	40	69	64
31	20	86	57	12
78	76	80	66	17

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第15回

乗暗算

3分

点数 1問5点 (100点)

1	$279 \times 6 =$
2	$945 \times 5 =$
3	$430 \times 4 =$
4	$131 \times 4 =$
5	$875 \times 7 =$
6	$163 \times 6 =$
7	$726 \times 2 =$
8	$961 \times 2 =$
9	$962 \times 8 =$
10	$708 \times 9 =$
11	$61 \times 34 =$
12	$72 \times 74 =$
13	$56 \times 77 =$
14	$64 \times 37 =$
15	$90 \times 31 =$
16	$25 \times 17 =$
17	$78 \times 95 =$
18	$89 \times 92 =$
19	$92 \times 78 =$
20	$48 \times 79 =$

除暗算

3分

点数 1問5点 (100点)

1	$1,362 \div 3 =$
2	$502 \div 2 =$
3	$3,224 \div 8 =$
4	$2,496 \div 8 =$
5	$1,936 \div 8 =$
6	$3,732 \div 6 =$
7	$4,914 \div 9 =$
8	$3,750 \div 5 =$
9	$4,509 \div 9 =$
10	$6,544 \div 8 =$
11	$3,168 \div 44 =$
12	$3,325 \div 95 =$
13	$1,470 \div 49 =$
14	$7,553 \div 83 =$
15	$7,200 \div 96 =$
16	$3,007 \div 97 =$
17	$3,960 \div 44 =$
18	$2,310 \div 35 =$
19	$5,340 \div 60 =$
20	$690 \div 23 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
21	87	37	44	59
43	57	79	80	25
40	35	80	32	80
86	60	49	19	94
57	20	93	49	24

6	7	8	9	10
18	71	37	78	16
37	67	70	38	25
26	13	91	47	50
55	90	41	17	43
10	56	38	26	23

11	12	13	14	15
10	63	85	78	81
51	49	92	27	90
30	72	68	52	61
10	33	94	24	24
79	61	69	10	35

16	17	18	19	20
97	70	97	63	52
36	26	89	13	54
52	42	68	57	75
11	33	73	39	57
41	77	65	60	92

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第16回

乗暗算

3分

点数 1問5点 (100点)

1	$502 \times 3 =$
2	$869 \times 4 =$
3	$488 \times 3 =$
4	$542 \times 8 =$
5	$757 \times 2 =$
6	$323 \times 7 =$
7	$260 \times 7 =$
8	$458 \times 4 =$
9	$254 \times 6 =$
10	$731 \times 9 =$
11	$83 \times 19 =$
12	$24 \times 99 =$
13	$97 \times 16 =$
14	$59 \times 16 =$
15	$42 \times 37 =$
16	$27 \times 36 =$
17	$72 \times 38 =$
18	$71 \times 99 =$
19	$14 \times 26 =$
20	$70 \times 52 =$

除暗算

3分

点数 1問5点 (100点)

1	$702 \div 6 =$
2	$2,576 \div 7 =$
3	$874 \div 2 =$
4	$1,022 \div 7 =$
5	$3,152 \div 8 =$
6	$450 \div 3 =$
7	$2,520 \div 6 =$
8	$5,928 \div 6 =$
9	$5,568 \div 8 =$
10	$3,633 \div 7 =$
11	$2,134 \div 97 =$
12	$5,742 \div 87 =$
13	$6,497 \div 89 =$
14	$1,450 \div 29 =$
15	$1,836 \div 34 =$
16	$1,856 \div 64 =$
17	$3,256 \div 88 =$
18	$600 \div 12 =$
19	$2,666 \div 86 =$
20	$2,268 \div 81 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
54	11	59	18	20
13	39	75	20	84
73	94	84	98	12
67	52	13	84	19
65	80	53	29	51

6	7	8	9	10
46	92	18	56	68
16	35	37	43	32
58	91	76	56	79
10	60	25	27	80
70	32	66	53	40

11	12	13	14	15
61	53	21	69	30
86	16	94	22	43
80	52	99	33	48
59	43	86	21	28
22	90	45	43	39

16	17	18	19	20
60	39	69	20	18
22	45	75	45	43
99	23	26	45	43
16	62	92	13	77
77	46	43	37	16

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格



# あんざん3級 第17回

乗暗算

3分

点数 1問5点 (100点)

1	$244 \times 9 =$
2	$757 \times 5 =$
3	$644 \times 3 =$
4	$941 \times 8 =$
5	$759 \times 9 =$
6	$605 \times 4 =$
7	$793 \times 4 =$
8	$144 \times 4 =$
9	$276 \times 6 =$
10	$610 \times 4 =$
11	$65 \times 86 =$
12	$81 \times 64 =$
13	$86 \times 98 =$
14	$33 \times 93 =$
15	$35 \times 66 =$
16	$86 \times 52 =$
17	$13 \times 29 =$
18	$21 \times 14 =$
19	$85 \times 95 =$
20	$16 \times 84 =$

除暗算

3分

点数 1問5点 (100点)

1	$1,324 \div 2 =$
2	$6,601 \div 7 =$
3	$1,764 \div 7 =$
4	$4,325 \div 5 =$
5	$214 \div 2 =$
6	$1,479 \div 3 =$
7	$1,572 \div 2 =$
8	$6,120 \div 9 =$
9	$3,340 \div 5 =$
10	$2,177 \div 7 =$
11	$6,230 \div 70 =$
12	$1,062 \div 59 =$
13	$506 \div 46 =$
14	$840 \div 28 =$
15	$2,183 \div 59 =$
16	$650 \div 25 =$
17	$6,156 \div 81 =$
18	$4,600 \div 92 =$
19	$360 \div 15 =$
20	$901 \div 17 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
14	67	17	80	13
88	52	17	98	88
82	20	38	44	50
36	15	20	48	91
62	96	21	97	54

6	7	8	9	10
32	88	71	22	95
31	32	12	99	31
16	76	75	81	32
56	36	58	84	97
57	28	85	23	66

11	12	13	14	15
67	61	50	21	28
61	83	72	60	69
44	13	56	83	51
79	88	27	56	63
80	47	68	17	67

16	17	18	19	20
16	33	47	73	18
53	93	54	82	60
92	11	62	77	72
97	36	80	80	79
30	25	35	13	14

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第18回

乗暗算

3分

点数 1問5点 (100点)

1	$333 \times 3 =$
2	$759 \times 9 =$
3	$302 \times 8 =$
4	$740 \times 4 =$
5	$167 \times 9 =$
6	$136 \times 4 =$
7	$943 \times 2 =$
8	$382 \times 8 =$
9	$652 \times 4 =$
10	$725 \times 8 =$
11	$89 \times 71 =$
12	$61 \times 61 =$
13	$39 \times 99 =$
14	$24 \times 94 =$
15	$71 \times 37 =$
16	$57 \times 31 =$
17	$49 \times 31 =$
18	$33 \times 37 =$
19	$30 \times 41 =$
20	$68 \times 15 =$

除暗算

3分

点数 1問5点 (100点)

1	$4,935 \div 7 =$
2	$5,805 \div 9 =$
3	$982 \div 2 =$
4	$992 \div 4 =$
5	$1,392 \div 6 =$
6	$3,432 \div 8 =$
7	$2,420 \div 4 =$
8	$1,726 \div 2 =$
9	$566 \div 2 =$
10	$1,532 \div 2 =$
11	$3,800 \div 40 =$
12	$1,056 \div 22 =$
13	$1,484 \div 53 =$
14	$1,035 \div 45 =$
15	$2,484 \div 46 =$
16	$2,015 \div 65 =$
17	$1,064 \div 76 =$
18	$588 \div 12 =$
19	$2,074 \div 61 =$
20	$6,432 \div 96 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
65	22	70	49	44
27	86	75	31	64
85	49	31	11	60
79	18	27	90	77
62	58	33	73	45

6	7	8	9	10
59	12	37	24	68
51	42	94	20	91
24	75	39	67	87
15	94	20	26	66
11	44	41	70	79

11	12	13	14	15
73	36	46	16	10
68	53	25	98	75
68	21	48	68	83
41	16	65	67	79
49	60	62	35	96

16	17	18	19	20
63	44	96	59	13
49	81	66	16	35
27	52	35	32	10
51	15	64	26	63
10	67	35	28	79

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第19回

乗暗算

3分

点数 1問5点 (100点)

1	$903 \times 8 =$
2	$674 \times 7 =$
3	$259 \times 8 =$
4	$769 \times 7 =$
5	$844 \times 3 =$
6	$309 \times 9 =$
7	$688 \times 8 =$
8	$513 \times 6 =$
9	$745 \times 4 =$
10	$658 \times 3 =$
11	$92 \times 99 =$
12	$62 \times 23 =$
13	$23 \times 32 =$
14	$38 \times 80 =$
15	$74 \times 83 =$
16	$53 \times 99 =$
17	$49 \times 56 =$
18	$39 \times 23 =$
19	$33 \times 85 =$
20	$94 \times 69 =$

除暗算

3分

点数 1問5点 (100点)

1	$5,670 \div 7 =$
2	$2,815 \div 5 =$
3	$4,275 \div 9 =$
4	$2,107 \div 7 =$
5	$3,059 \div 7 =$
6	$6,472 \div 8 =$
7	$1,524 \div 3 =$
8	$508 \div 4 =$
9	$5,346 \div 6 =$
10	$986 \div 2 =$
11	$4,899 \div 69 =$
12	$1,716 \div 52 =$
13	$630 \div 15 =$
14	$6,210 \div 90 =$
15	$850 \div 17 =$
16	$6,478 \div 79 =$
17	$275 \div 11 =$
18	$1,598 \div 17 =$
19	$3,724 \div 98 =$
20	$1,550 \div 31 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
70	50	55	58	29
71	49	28	46	25
61	69	94	49	29
15	55	62	67	14
95	73	62	21	35

6	7	8	9	10
53	95	99	53	25
19	68	76	66	56
83	21	66	11	76
32	83	13	68	81
28	25	44	89	17

11	12	13	14	15
42	18	24	22	36
66	81	96	57	47
86	31	57	73	76
63	91	71	16	76
50	93	63	91	81

16	17	18	19	20
92	48	67	47	93
30	50	20	92	87
94	24	82	49	57
61	61	44	45	56
28	53	13	52	13

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格

# あんざん3級 第20回

乗暗算

3分

点数 1問5点 (100点)

除暗算

3分

点数 1問5点 (100点)

1	$298 \times 8 =$
2	$563 \times 9 =$
3	$305 \times 4 =$
4	$290 \times 5 =$
5	$582 \times 2 =$
6	$669 \times 8 =$
7	$225 \times 5 =$
8	$997 \times 8 =$
9	$360 \times 8 =$
10	$664 \times 7 =$
11	$76 \times 43 =$
12	$44 \times 92 =$
13	$38 \times 87 =$
14	$21 \times 81 =$
15	$86 \times 23 =$
16	$11 \times 31 =$
17	$27 \times 71 =$
18	$55 \times 88 =$
19	$67 \times 99 =$
20	$33 \times 59 =$

1	$1,536 \div 3 =$
2	$2,106 \div 6 =$
3	$1,336 \div 4 =$
4	$854 \div 2 =$
5	$2,718 \div 6 =$
6	$1,270 \div 5 =$
7	$5,536 \div 8 =$
8	$3,330 \div 6 =$
9	$1,863 \div 3 =$
10	$860 \div 5 =$
11	$5,704 \div 62 =$
12	$1,656 \div 69 =$
13	$3,135 \div 55 =$
14	$4,452 \div 84 =$
15	$5,183 \div 71 =$
16	$5,073 \div 57 =$
17	$2,134 \div 97 =$
18	$6,480 \div 81 =$
19	$5,760 \div 96 =$
20	$1,271 \div 41 =$

## 見取算

制限時間 3分

点数  
1問5点 (100点)

--

1	2	3	4	5
74	98	70	29	64
49	18	40	87	81
23	83	52	51	20
73	97	81	59	76
76	75	69	68	95

6	7	8	9	10
34	94	30	34	17
82	76	57	85	75
74	44	58	30	96
62	61	42	70	60
94	39	64	75	59

11	12	13	14	15
88	73	35	13	34
94	98	74	50	47
18	48	51	60	90
78	35	45	34	53
18	14	28	40	30

16	17	18	19	20
41	47	89	55	67
53	43	54	69	23
86	96	54	92	19
77	76	80	40	80
52	29	96	16	44

乗	除	見取	合/否
/100	/100	/100	

\*全種目70点以上で合格



あんざん3級

	乗		除		見取			乗		除		見取	
1	5,553	3,403	386	33	103	295	6	3,255	2,993	470	33	167	228
	2,900	3,034	657	60	303	301		1,032	5,680	995	44	265	302
	2,277	3,800	578	47	284	278		492	4,488	574	50	185	298
	5,985	2,652	124	41	194	256		1,911	1,827	109	25	358	264
	1,788	620	658	33	264	264		696	1,456	169	96	304	277
	1,580	3,700	204	47	283	256		1,360	5,355	544	74	234	321
	2,307	5,508	528	54	202	249		843	4,543	677	18	276	253
	5,152	4,661	156	18	317	266		5,144	2,736	325	83	206	321
	1,716	1,449	514	86	250	239		2,450	2,010	838	22	235	204
	5,586	1,241	923	62	222	331		1,161	722	238	95	275	326
2	2,636	228	665	36	242	259	7	1,978	264	209	86	231	245
	1,184	1,078	791	30	243	317		3,316	1,273	470	74	293	318
	468	7,656	715	53	321	271		1,756	3,074	525	18	260	333
	2,016	132	540	15	287	315		5,016	496	369	72	211	194
	396	3,038	471	23	287	255		3,654	1,456	384	39	277	225
	7,376	1,872	641	81	385	249		2,785	5,251	470	96	236	223
	1,950	1,455	981	35	293	271		1,100	322	243	44	208	223
	1,256	594	794	65	241	290		1,467	1,288	763	44	283	241
	3,066	2,997	431	68	328	254		2,973	700	938	97	319	254
	2,487	1,534	971	92	299	183		2,080	2,340	905	87	245	279
3	6,783	8,536	374	27	305	293	8	788	234	103	13	339	269
	1,017	1,575	882	17	167	337		1,064	2,964	765	31	302	274
	3,880	2,419	421	22	290	290		6,769	1,197	490	45	184	195
	972	3,213	153	17	368	392		5,866	6,305	396	80	182	320
	1,112	781	601	21	225	307		4,824	1,479	908	40	236	183
	2,175	3,577	180	20	226	333		6,660	1,376	166	78	383	165
	819	781	914	33	327	287		1,311	4,606	937	13	214	339
	6,255	735	426	25	313	241		1,400	2,601	648	30	202	216
	4,935	4,928	662	46	360	326		1,968	6,512	277	82	224	184
	990	4,472	424	61	251	379		3,936	1,978	396	93	282	297
4	1,272	4,690	125	39	294	247	9	2,681	6,432	420	13	250	315
	1,080	5,929	319	24	267	279		1,950	660	339	44	323	323
	816	1,462	770	98	269	254		2,742	624	170	11	285	267
	3,619	2,852	412	29	211	391		6,624	2,268	235	40	231	218
	3,670	1,344	754	99	292	269		5,028	1,170	935	45	143	307
	4,350	4,968	312	34	316	155		2,091	407	823	99	194	265
	1,938	1,020	320	33	168	230		5,670	5,412	813	94	322	254
	1,956	1,088	258	29	181	234		7,544	320	676	86	261	179
	4,710	2,684	590	85	309	204		2,241	3,339	107	39	244	179
	568	6,216	435	11	264	340		1,653	1,600	891	23	296	296
5	2,450	2,079	763	69	238	264	10	2,436	1,590	434	46	323	263
	2,640	3,068	341	78	268	167		5,364	3,626	247	47	227	179
	1,750	5,046	424	30	293	346		4,765	1,785	729	67	212	328
	752	4,324	141	69	330	282		1,412	1,218	698	93	280	209
	2,445	2,709	177	39	252	238		1,036	1,350	409	94	289	312
	984	720	904	71	268	176		3,894	1,296	739	44	281	191
	6,447	7,568	373	79	223	216		3,984	1,271	208	61	259	177
	1,938	2,660	750	69	239	296		878	2,880	256	56	274	238
	1,890	1,995	112	69	314	392		328	1,512	473	47	283	219
	392	8,118	428	28	263	303		2,506	6,156	340	35	276	262

あんざん3級

	乗		除		見取			乗		除		見取	
11	1,912	2,436	673	82	256	231	16	1,506	1,577	117	22	272	308
	6,786	874	566	92	411	256		3,476	2,376	368	66	276	254
	3,024	7,968	196	67	335	220		1,464	1,552	437	73	284	345
	1,323	1,748	118	42	289	214		4,336	944	146	50	249	188
	342	2,688	135	53	203	269		1,514	1,554	394	54	186	188
	1,443	3,240	985	46	412	261		2,261	972	150	29	200	274
	3,750	8,184	286	17	299	320		1,820	2,736	420	37	310	215
	1,768	2,880	314	70	349	316		1,832	7,029	988	50	222	305
	1,771	3,864	927	49	244	406		1,524	364	696	31	235	160
4,904	2,116	944	87	275	348	6,579	3,640	519	28	299	197		
12	1,998	1,386	447	81	232	243	17	2,196	5,590	662	89	282	331
	4,185	2,610	133	84	279	326		3,785	5,184	943	18	250	292
	1,960	675	249	41	302	216		1,932	8,428	252	11	113	273
	3,415	396	786	59	225	261		7,528	3,069	865	30	367	237
	5,376	2,419	831	46	241	229		6,831	2,310	107	37	296	278
	5,262	2,622	804	13	222	291		2,420	4,472	493	26	192	288
	1,978	3,344	145	91	239	242		3,172	377	786	76	260	198
	2,252	6,256	535	18	149	343		576	294	680	50	301	278
	1,390	459	256	37	261	211		1,656	8,075	668	24	309	325
5,362	4,187	828	45	173	217	2,440	1,344	311	53	321	243		
13	2,824	4,599	134	82	290	289	18	999	6,319	705	95	318	299
	6,417	2,822	933	12	319	209		6,831	3,721	645	48	233	186
	2,592	2,128	354	57	241	301		2,416	3,861	491	28	236	246
	4,505	1,628	796	53	322	221		2,960	2,256	248	23	254	284
	342	552	501	75	188	217		1,503	2,627	232	54	290	343
	2,457	1,064	461	23	277	260		544	1,767	429	31	160	200
	4,236	4,048	482	33	342	306		1,886	1,519	605	14	267	259
	4,256	1,029	664	36	229	360		3,056	1,221	863	49	231	296
	798	2,673	903	36	233	194		2,608	1,230	283	34	207	161
3,402	645	804	69	269	282	5,800	1,020	766	67	391	200		
14	1,366	5,828	991	97	276	215	19	7,224	9,108	810	71	312	307
	1,116	2,145	993	67	281	265		4,718	1,426	563	33	296	314
	936	676	783	27	251	259		2,072	736	475	42	301	311
	3,655	1,054	792	82	187	220		5,383	3,040	301	69	241	259
	3,732	3,182	216	97	326	320		2,532	6,142	437	50	132	316
	4,410	1,998	237	94	257	231		2,781	5,247	809	82	215	305
	2,622	612	673	43	273	273		5,504	2,744	508	25	292	236
	874	2,100	486	68	242	354		3,078	897	127	94	298	226
	1,630	192	463	21	351	329		2,980	2,805	891	38	287	285
843	5,880	106	88	374	220	1,974	6,486	493	50	255	306		
15	1,674	2,074	454	72	247	180	20	2,384	3,268	512	92	295	296
	4,725	5,328	251	35	259	278		5,067	4,048	351	24	371	268
	1,720	4,312	403	30	338	408		1,220	3,306	334	57	312	233
	524	2,368	312	91	224	191		1,450	1,701	427	53	294	197
	6,125	2,790	242	75	282	291		1,164	1,978	453	73	336	254
	978	425	622	31	146	237		5,352	341	254	89	346	309
	1,452	7,410	546	90	297	248		1,125	1,917	692	22	314	291
	1,922	8,188	750	66	277	392		7,976	4,840	555	80	251	373
	7,696	7,176	501	89	206	232		2,880	6,633	621	60	294	272
6,372	3,792	818	30	157	330	4,648	1,947	172	31	307	233		