Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -1** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
2	4	5	3	1	4	3	6	6	3	7	7	1
2	-1	4	5	2	5	1	1	3	-1	-1	2	7
-2	1	-1	-2	-3	-3	-2	1	-1	7	1	-2	1

14	15	16	17	18	19	20	21	22	23	24	25	26
1	5	2	1	2	5	5	1	2	1	1	2	3
2	2	0	1	5	1	1	2	1	5	2	1	-1
1	1	1	5	1	1	1	5	5	2	-1	5	2
5	1	5	1	1	5	2	1	1	1	2	-3	5

27	28	29	30	31	32	33	34	35	36	37	38	39
6	1	2	2	8	1	5	4	3	7	4	2	3
3	6	6	7	1	7	2	-1	-1	1	5	1	-1
-2	2	-7	-6	-1	-7	-5	5	2	1	-8	-2	-2
-1	-7	8	5	-2	8	-2	-2	-1	-3	5	2	2
3	-1	-6	-7	3	-6	5	-5	1	2	3	1	1

40	41	42	43	44	45	46	47	48	49	50
51	22	85	33	65	25	11	65	18	60	25
7	5	1	5	-5	1	2	4	-3	2	3
1	2	-6	-3	1	2	5	-2	2	2	-3
-3	-9	4	-5	1	1	1	-2	2	5	1

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -2** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
1	6	2	4	5	9	9	2	8	5	3	9	3
5	-6	5	5	3	-8	-8	2	-6	4	5	-4	-1
-6	7	-6	-7	-8	3	7	5	7	-9	-7	3	2

14	15	16	17	18	19	20	21	22	23	24	25	26
2	4	8	5	3	4	5	3	9	4	3	5	7
6	5	1	4	5	5	3	6	-8	5	6	2	-5
1	-4	-7	-6	-3	-6	-7	-4	6	-9	-8	2	6
-7	3	5	1	-5	1	2	2	1	1	3	-7	-3

27	28	29	30	31	32	33	34	35	36	37	38	39
6	1	3	5	8	7	5	3	4	5	4	9	8
3	1	1	2	1	2	2	5	-1	2	5	-1	-2
-4	-1	-2	-2	-3	-3	-5	-7	5	2	-8	-1	3
2	-1	-1	-5	2	1	-1	3	-2	-3	-1	-2	-2
1	5	2	3	-1	2	3	5	-5	2	9	-5	-7

40	41	42	43	44	45	46	47	48	49	50
21	31	52	33	55	37	32	54	18	22	94
5	5	5	5	-5	-2	2	5	-3	-2	-2
2	1	-2	-3	5	4	5	-3	4	4	-1
1	2	4	4	4	-6	-4	-6	-3	5	-1

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -3** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
4	9	7	8	9	6	5	3	3	2	3	9	3
5	-8	-2	-7	-4	3	2	6	1	7	-1	-7	-1
-3	7	-5	6	3	-1	1	-8	5	-6	7	6	2

14	15	16	17	18	19	20	21	22	23	24	25	26
8	3	5	3	5	1	2	2	1	4	1	1	1
-7	1	3	-2	1	6	6	6	7	5	8	6	8
6	-1	-3	3	2	2	-8	-6	-6	-9	-6	-7	-7
2	-3	-5	-2	-3	-6	7	1	7	1	5	2	6

27	28	29	30	31	32	33	34	35	36	37	38	39
1	2	2	5	3	2	6	3	9	5	4	9	8
5	2	2	2	5	5	2	5	-6	2	5	-1	-2
2	-3	5	-7	-6	2	1	-7	5	-5	-8	-1	3
1	-1	-5	3	7	-4	-3	7	1	-2	5	-1	-2
-7	4	-1	6	-3	-5	-6	1	-9	7	2	-1	-1

40	41	42	43	44	45	46	47	48	49	50
11	13	42	33	54	35	32	51	18	44	33
6	-3	5	5	-1	-5	2	2	-3	-2	5
2	5	-2	-3	-3	8	5	-3	4	-1	1
-2	4	-5	4	6	-3	-3	3	-3	8	-4

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -4** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
5	3	4	1	4	1	4	2	2	3	5	3	3
2	1	-4	3	-3	3	-3	2	-2	-2	4	5	-1
-1	-2	3	-2	2	-2	2	5	2	1	-3	-5	2

14	15	16	17	18	19	20	21	22	23	24	25	26
4	1	1	1	5	3	5	3	4	2	5	1	9
-1	1	2	3	1	5	4	-2	-3	2	2	8	-4
5	2	1	-2	2	1	-4	5	5	5	1	-2	3
1	-2	-3	1	-5	-4	3	3	1	-2	1	1	1

27	28	29	30	31	32	33	34	35	36	37	38	39
5	2	8	5	3	2	9	3	9	5	4	5	6
-5	5	-7	2	5	5	-9	5	-6	2	5	1	-5
9	-7	5	2	-6	-7	9	-7	5	-1	-8	2	-1
-4	9	3	-4	7	9	-1	6	-1	3	7	1	8
4	-4	-4	-5	-4	-1	1	2	-5	-7	1	-4	1

40	41	42	43	44	45	46	47	48	49	50
55	22	63	12	29	32	45	65	81	72	25
2	5	-2	5	-1	-2	2	4	5	5	4
1	1	5	-6	-3	8	-5	-2	3	2	-2
1	1	3	7	4	-6	7	-2	-5	-9	-1

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -5** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
6	2	1	3	6	1	5	2	3	8	8	8	2
3	7	8	-1	-1	1	2	-6	1	1	-3	-2	7
-9	-1	-4	7	2	6	1	6	5	-2	4	1	-5

14	15	16	17	18	19	20	21	22	23	24	25	26
9	8	7	8	2	9	6	5	4	4	1	2	1
-3	1	2	1	6	-8	5	3	5	-2	8	7	8
2	-3	-3	-2	-5	5	7	-8	-7	7	-7	-8	-3
-5	2	1	1	1	3	-3	7	6	-9	5	6	-5

27	28	29	30	31	32	33	34	35	36	37	38	39
8	5	2	3	4	7	5	5	1	2	3	3	7
1	4	2	5	-1	1	3	4	5	5	6	5	2
-1	-4	-2	-3	5	-2	-5	-5	-1	1	-6	1	-3
-2	2	-1	1	-1	3	-1	-1	4	-5	-2	-9	1
-1	2	-1	3	6	-4	2	-1	-5	-2	-1	5	2

40	41	42	43	44	45	46	47	48	49	50
75	55	60	58	25	22	32	65	99	75	66
2	4	2	-6	2	5	2	4	-5	2	3
1	-1	5	7	2	-2	5	-2	-4	-7	-2
1	-1	-7	-7	-4	-5	-3	-7	9	4	-1

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -6** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
5	3	7	2	8	2	8	2	3	1	3	2	5
4	6	2	6	1	7	-2	2	6	1	-1	7	1
-9	-9	-8	-8	-5	-1	1	5	-3	6	7	-6	-6

14	15	16	17	18	19	20	21	22	23	24	25	26
1	5	7	9	5	4	6	5	2	3	8	2	7
8	4	-5	-8	4	-2	3	3	7	6	-3	6	1
-7	-6	6	5	-7	7	-4	-5	-8	-9	2	-5	1
5	1	-3	3	6	-9	2	-2	6	8	2	1	-4

27	28	29	30	31	32	33	34	35	36	37	38	39
2	4	3	5	3	5	1	1	1	4	5	1	1
2	-3	-2	4	5	1	3	2	1	-1	2	2	1
5	5	5	-4	1	2	-2	1	2	5	1	5	2
-2	1	3	3	-4	-5	1	-3	-2	1	1	1	5
-6	-5	-8	-6	-5	-1	5	7	-2	-9	-6	-5	-4

40	41	42	43	44	45	46	47	48	49	50
37	83	21	36	55	33	69	74	82	98	14
-5	5	-1	-6	2	1	-5	5	-1	-8	5
2	1	7	3	-7	5	-3	-3	3	2	-2
5	-9	-2	1	4	-4	-1	-6	-4	2	-5

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -7** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
4	5	3	8	8	7	9	2	3	7	3	7	2
-2	3	5	1	-6	-6	-9	2	1	-5	-2	2	1
6	-2	-6	-6	7	5	2	5	5	7	1	-5	6

14	15	16	17	18	19	20	21	22	23	24	25	26
1	1	1	2	2	1	5	3	5	3	1	1	3
6	8	7	6	6	6	1	-2	3	1	8	8	6
-7	-6	-6	-6	-8	2	2	3	-3	-1	-7	-7	-8
8	5	7	1	7	-6	-3	-2	-5	-3	6	-1	7

27	28	29	30	31	32	33	34	35	36	37	38	39
8	2	1	5	7	4	3	2	7	8	3	2	9
1	5	5	4	1	-1	5	2	1	1	6	7	-7
-1	1	-1	-5	-2	5	-3	-2	1	-2	-6	-8	1
-2	-5	4	-1	3	-1	1	-1	-2	1	-2	6	5
-5	-2	-4	5	-9	-6	3	3	-5	-6	-1	2	1

40	41	42	43	44	45	46	47	48	49	50
92	99	41	63	96	54	83	77	12	23	52
1	-5	5	-2	-1	-1	-2	-5	5	5	5
5	-4	3	5	4	5	5	2	2	-8	1
-3	9	-3	1	-5	-1	3	5	-9	1	1

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -8** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
5	7	3	8	5	5	3	5	3	5	2	8	3
4	1	-2	1	2	4	1	4	1	1	7	-7	-1
-5	1	2	-2	-2	-4	-2	-9	5	1	-4	1	2

14	15	16	17	18	19	20	21	22	23	24	25	26
1	4	8	6	9	1	1	3	9	2	6	3	7
7	5	1	3	-7	6	8	6	-7	7	3	6	2
1	-7	-3	-9	7	-6	-7	-2	1	-8	-3	-6	-3
-5	1	-6	8	-6	1	-1	-5	5	6	2	-2	1

27	28	29	30	31	32	33	34	35	36	37	38	39
8	2	3	4	5	7	8	5	1	6	1	1	2
1	1	-1	-1	2	2	1	2	1	3	6	7	7
-3	-2	-2	5	-5	-3	-3	-2	-1	-2	2	-7	-6
2	2	2	-2	-1	1	2	-5	-1	-1	-7	8	5
-1	1	1	-5	3	2	-1	3	5	3	-1	-6	-7

40	41	42	43	44	45	46	47	48	49	50
63	17	22	44	55	63	11	41	36	29	33
1	2	-2	-4	1	1	2	5	-6	-2	5
-4	-5	5	4	3	5	6	-6	3	-7	-6
9	5	4	-4	-2	-8	-3	1	1	2	2

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -9** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
1	6	2	4	5	9	9	2	8	5	3	2	8
5	-6	5	5	3	-8	-8	2	-6	4	5	6	1
-6	7	-6	-7	-8	3	7	5	7	-9	-7	1	-7

14	15	16	17	18	19	20	21	22	23	24	25	26
7	5	3	9	3	5	4	5	8	2	1	9	2
-5	2	6	-8	6	3	5	4	1	6	7	-4	1
6	2	-8	6	-4	-7	-6	-6	-7	1	1	-5	-3
-3	-7	3	1	2	2	1	1	5	-7	-3	8	9

27	28	29	30	31	32	33	34	35	36	37	38	39
6	5	9	2	7	3	9	6	2	5	2	1	3
2	2	-7	2	2	-2	-3	3	6	3	6	5	6
-5	-6	6	-3	-5	8	-6	-6	1	-7	-5	3	-4
1	7	-3	7	-3	-4	2	5	-8	2	1	-7	3
-2	-5	-5	1	8	3	2	1	7	5	5	2	1

40	41	42	43	44	45	46	47	48	49	50
65	24	83	66	25	19	52	24	69	83	98
1	-1	5	-6	-5	-1	1	5	-5	-2	-7
2	5	1	8	4	-2	-2	-3	-3	5	3
1	-2	-9	-8	5	3	5	-6	-1	3	5

Z-EL 1 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -10** **Time: 5 min**

WITH ABACUS ADDITION AND SUBTRACTION

1	2	3	4	5	6	7	8	9	10	11	12	13
2	7	3	2	1	3	5	1	1	8	2	4	7
6	1	-1	6	8	-2	1	6	7	1	5	5	2
-7	1	2	-8	-7	3	2	2	-7	-1	-2	-3	-5

14	15	16	17	18	19	20	21	22	23	24	25	26
2	4	9	5	1	3	6	4	3	9	7	1	2
7	-3	-1	3	8	6	-5	5	5	-7	2	8	6
-8	5	-3	-5	-7	-9	7	-7	1	1	-3	-7	-5
6	1	2	-2	6	8	-3	1	-9	5	1	6	6

27	28	29	30	31	32	33	34	35	36	37	38	39
5	6	5	1	3	2	8	1	9	2	5	3	2
4	3	2	5	6	6	-7	1	-4	7	2	1	2
-8	-5	-6	3	-4	-5	3	6	-5	-3	1	-4	-4
7	-3	3	-7	3	1	-1	1	8	2	1	5	2
-3	-1	5	2	-5	-2	-3	-7	-6	-5	-2	-5	-2

40	41	42	43	44	45	46	47	48	49	50
14	52	33	25	96	66	74	65	82	12	55
5	5	6	2	-1	-5	5	4	-1	5	2
-4	1	-8	-6	4	2	-3	-2	3	2	-7
-5	1	1	1	-5	5	-6	-7	-4	-9	4