Z-EL 2 **KIDZ N BRAINZ**

DATE

Abacus competition Model paper -1

WITH ABACUS

ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
4	7	7	1	9	7	9	1	2				
6	3	9	9	-7	2	7	9	7	14	12	21	23
5	9	3	7	9	1	1	3	6	6	8	8	8
4	-5	-5	-7	8	5	-7	-2	1	9	4	9	-9
1	6	6	5	2	5	5	9	9	-7	8	2	6

40	41	42	43	44	45	46	47	48	49	50
25	49	61	81	23	69	25	87	18	25	16
-6	-4	9	3	7	-4	-9	2	-3	-9	3
-1	-6	8	9	4	-7	-9	5	4	2	-9
9	2	-7	5	-3	5	-6	-4	3	2	8

Z-EL 2 **KIDZ N BRAINZ**

DATE

Abacus competition Model paper -2

WITH ABACUS

ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
8	4	5	6	7	9	4	4	7				
5	7	3	3	2	7	5	9	4	30	34	17	15
8	7	8	7	-6	1	9	-3	8	9	-3	-1	4
-1	-6	-5	-6	8	8	1	2	1	8	7	2	1
9	2	9	8	9	2	8	8	3	-1	5	2	3

40	41	42	43	44	45	46	47	48	49	50
12	28	33	14	32	26	38	34	18	57	18
9	5	6	5	5	3	1	5	-3	2	3
-2	6	5	4	3	1	1	2	4	3	-9
1	-4	5	6	8	2	6	7	3	8	9

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -3**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
9	11	2	2	1	1	4	4	8				
-5	6	9	8	9	9	5	8	7	86	88	39	53
7	9	8	4	3	8	9	1	-5	3	1	7	6
8	-1	1	8	-1	-6	1	5	4	5	6	2	6
7	2	5	-2	9	2	8	9	-1	5	4	-3	4

40	41	42	43	44	45	46	47	48	49	50
21	25	47	10	50	37	30	34	80	75	35
5	10	-7	16	10	3	8	-4	3	2	5
2	-7	-7	-7	9	8	7	-6	-3	3	8
-7	2	1	3	-8	-6	-6	5	-6	3	7

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -4**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
2	8	8	5	3	9	1	8	9				
6	1	7	1	7	7	9	1	7	14	60	37	18
7	4	-5	4	1	3	8	6	1	5	4	3	1
4	7	4	5	6	6	-6	4	8	8	5	9	3
6	2	-1	5	-1	3	2	-1	2	-7	4	-3	7

40	41	42	43	44	45	46	47	48	49	50
40	10	19	61	29	20	27	12	90	75	60
-9	8	3	1	-1	1	1	2	1	2	-3
1	3	-4	9	3	-3	2	-5	-1	3	5
1	-9	5	-5	6	2	-2	7	8	3	-9

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -5**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
8	2	4	5	9	4	5	3	9				
3	6	9	2	-6	9	3	5	-1	17	26	58	24
7	8	7	8	5	7	8	7	8	5	5	-5	5
-5	9	9	3	8	9	1	4	9	-2	7	6	1
7	1	-1	7	9	-1	9	6	2	9	1	1	1

40	41	42	43	44	45	46	47	48	49	50
60	21	25	81	29	21	30	30	18	18	64
6	1	5	8	-1	3	-3	8	-3	2	-2
4	-5	-6	1	3	-4	9	5	4	-1	8
-4	9	-2	-3	6	-1	5	-4	3	8	-1

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -6**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
1	9	3	5	4	2	8	4	2				
3	8	8	2	6	8	-7	7	5	27	22	14	12
6	2	-7	8	3	7	2	-7	4	4	9	8	8
-6	4	6	3	6	3	7	6	-4	-8	-3	-4	-2
5	1	-9	7	-8	6	-6	8	8	5	-5	-3	5

40	41	42	43	44	45	46	47	48	49	50
12	11	17	29	79	34	19	65	37	23	13
6	9	2	8	6	6	-3	4	8	-1	8
-1	7	3	3	3	-9	5	-2	-6	8	2
3	3	2	8	-7	6	-7	3	5	-6	-5

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -7**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
4	3	8	2	4	9	9	3	9				
7	8	5	8	6	-5	-6	5	-6	29	34	33	25
7	9	8	-8	8	7	5	7	5	-4	-2	6	-9
-6	7	-1	9	-3	8	8	4	1	5	6	-9	-9
2	-5	9	-7	5	7	9	6	6	-7	-7	-9	-6

40	41	42	43	44	45	46	47	48	49	50
74	28	22	57	35	84	35	60	69	19	17
7	-5	5	3	-5	-2	-5	7	7	1	1
6	7	8	2	3	8	3	-7	1	-1	7
2	4	4	8	8	3	8	5	2	5	2

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -8**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
7	8	3	1	6	7	5	7	3				
2	3	6	9	4	8	5	9	8	27	63	16	27
5	3	8	-9	1	-6	4	-8	-8	5	5	5	5
9	9	-9	8	9	-9	8	-6	6	-2	1	-3	-3
-4	-4	4	7	2	4	2	8	6	3	5	2	-9

40	41	42	43	44	45	46	47	48	49	50
35	21	27	68	13	69	31	54	82	21	22
-6	5	3	1	7	-2	5	-2	8	7	5
7	1	8	7	6	8	2	8	2	9	-1
9	3	-6	9	-5	2	8	7	5	-6	9

Z-EL 2 **KIDZ N BRAINZ**

DATE **Abacus competition Model paper -9**

WITH ABACUS ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
6	9	3	9	3	2	2	7	2				
-5	-1	8	6	5	6	6	1	5	58	86	81	28
9	8	9	3	-6	7	8	8	8	5	2	7	4
4	9	7	7	8	1	1	2	3	6	3	3	7
5	2	-5	-5	4	1	-5	-6	-5	1	8	-1	7

40	41	42	43	44	45	46	47	48	49	50
80	66	63	30	20	10	50	21	20	35	81
-8	-7	9	3	8	4	7	9	7	5	8
8	-7	6	6	-8	9	5	-9	5	-2	1
6	9	-8	9	-6	-4	-5	-5	-4	8	-3

Z-EL 2 **KIDZ N BRAINZ**

DATE

Abacus competition Model paper -10

WITH ABACUS

ADDITION AND SUBTRACTION

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

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

27	28	29	30	31	32	33	34	35	36	37	38	39
9	8	6	5	6	4	3	3	6				
7	4	1	5	9	6	5	6	5	46	63	21	13
3	2	2	4	-8	7	1	1	9	-7	5	3	-5
-8	8	-8	8	5	-8	5	5	3	-9	1	-4	-5
-4	5	5	5	-3	2	9	4	7	-3	5	-1	5

40	41	42	43	44	45	46	47	48	49	50
23	76	41	22	20	21	66	39	69	18	77
5	-8	5	5	-9	3	3	2	3	5	4
-8	7	2	3	1	9	1	3	5	5	7
1	1	-7	-8	1	-2	2	-4	2	1	1