

MATHEMATICS WITHOUT BORDERS

FINAL 2017

ANSWERS

Age group Problem	1	2	3	4	5	6	7	8	9
1	B	B	A	B	D	B	B	A	C
2	B	A	B	C	D	B	B	B	D
3	B	C	C	A	C	C	A	C	B
4	B	B	A	A	C	B	C	B	C
5	B	C	B	A	D	B	B	C	B
6	B	B	C	C	D	C	D	D	A
7	C	C	C	B	B	B	B	A	B
8	C	B	C	C	A	D	A	B	B
9	A	C	C	A	A	B	B	C	D
10	B	C	B	A	B	D	D	C	A
11	1	91	6 or 7	156	6	-1	2 or 3	1	7
12	2	3	18	7	37.5	-7/48	14 or 110	6	28
13	5	10	12	1	2	44 or 45	40 or 42	18	6
14	6	21	978	2118	7	6	60	-2	-2
15	1	1	3	2017	0	2 and 6	17 or 9N-17	2 or 3	2 or 3
16	3	5 or 6	4	28999	3.124	1	14	14 and 111	34
17	2	8	55	9	6	10016	27	44	1/4
18	4	6	840	32 or 28	576	3	191	184	1
19	4	18	36	1 or 3	2034	5	1:1	11	1
20	4	10	12	$2+3+3+3$ (54)	23	17	2 and 6	1, 3 and 7	infinite number of solutions