MATHEMATICS WITHOUT BORDERS - SPRING 2019
ANSWER KEY – AGE GROUPS 5-9

Age Group / Problem	5	6	7	8	9
1	600.05	4	8640	3	–2
2	$15\frac{6}{7}$	15	±221	$\sqrt{5}$	–3
3	202	8	0	2	1
4	18	0	9	2, 3, 7	21
5	4.5	–79999	15	2 and 8	3
6	21	20	34	45	2
7	89	12	3456	10	3018
8	4	–2	12	62	9
9	4	12	24	36	45
10	12	220	42	$3\sqrt{2} + 2\sqrt{3}$	$3\sqrt{2} + 2\sqrt{3}$
11	22	0	0 and 6	5	10
12	5	12	29	2	$M\left(\frac{5}{3}; 2\right)$
13	1, 2 or 3	1.62	10	–2 and –6	1
14	1	–22	13	77	–2, –6
15	84888	7	673	126	77
16	220	38	1, 2, 3	62	2, 3 and 5
17	1/3	11	5	10	2 and 8
18	18	4	8	8	84
19	750	7	7	7	10
20	2	2	14	14	1