MATHEMATICS WITHOUT BORDERS - FINAL 2023
ANSWER KEY – AGE GROUPS 5-9

Age Group / Problem	5	6	7	8	9
1	1	1	64	86	0
2	2	$-\dfrac{1}{3}$	24	-4	1
3	3	-1	9	$\dfrac{15}{16}$	$1; -\dfrac{1}{2}$
4	4	5	16	8	1
5	59	242	-2	336	18
6	12;18	330	6	93	180
7	$\dfrac{3}{16}$	6	5	7	576
8	46	$\dfrac{2}{3}$	16	3	III
9	1988	-6	2	20	2024
10	32	$-15 \, and \, 21$	4	121	289
11	20	32	114	$2\sqrt{3}$	20
12	28	II	5	30	$\sqrt{\dfrac{63}{16}}$
13	6	4	36	6	$A(-7; 2)$
14	7	324	± 3	$112°30'$	$\dfrac{5}{2}\sqrt{13}$
15	56	24	45^0	30	4.8
16	2.25	$9^3 + 10^3$	40;42	$\dfrac{11}{12}$	8
17	0; 6	17	$\emptyset$	8	6
18	54	6	-2	1;2;3	6
19	75	2	8	20	(1, 2025)
20	$\dfrac{28}{65}$	28	π	2	0