

MATHEMATICS WITHOUT BORDERS - FINAL 2022

ANSWER KEY – AGE GROUPS 5-9

Age Group Problem	5	6	7	8	9
1	1	1	$\frac{21}{32}$	$-\frac{1}{2}$	26
2	6	2022.2202	1	2	1999
3	28	0	-6	-1	2
4	10	-25	$-3\pi + 20$	-50	2
5	1.4	15	2.5	-2	6
6	60	10	8	6	0
7	$\frac{1}{300}$	28	4	20; 40	75
8	$\frac{19}{24}$	-102	8	$2 - a$	-9; -3; -1; 5
9	2	1	$-\frac{1}{5}$	1; 2	101
10	4	91.125	11	c	$\frac{\pi}{6}; \frac{5\pi}{6}$
11	10	3	36	3	3
12	6	50	90	2520	$\frac{\sqrt{7}}{2}$
13	14,18,46	18	64	64	120°
14	250	4	60°	$\frac{1}{12}$	3
15	9	36	24	450	7
16	8	1,5	23	2	0; -1
17	8	5	-4	1449	0, 12
18	4.16	1	7	5	56
19	2	-1	13	-4	1449
20	8	25	10	8	$\frac{2(n+2)}{n+3}$