

MATHEMATICS WITHOUT BORDERS - FINAL 2024

ANSWER KEY – AGE GROUPS 5-9

Age Group Problem	5	6	7	8	9
1	19	$\frac{1}{16}$	36	1	$\frac{3}{2}$
2	$\frac{63}{2024}$	4	7	9	1
3	7; 13; 17	1	24	-3	$\frac{1}{2}$
4	702	99	23	601	2; 7
5	22	9	961	168	0
6	5	6	3	2; 3	3
7	3	-57	3	-4	1
8	8	-34.5	9	-3	7
9	$\frac{5}{7}$	9	5	7	± 36
10	72	2	6	0	30
11	A; B	13	64°	110°	3
12	b	12	6	65°	6
13	116	30	20	$\frac{1}{8}$	$2\sqrt{6}$
14	100	$1.\bar{4}$	4	$9\frac{3}{13}$	$\frac{\sqrt{139}}{2}$
15	20	20	2:1	$\frac{2}{9}$	20.4
16	0.8	14π	2	0; -1	$\frac{\sqrt{3}}{4}$
17	3	-5	70	-5	$\frac{\sqrt{6}}{2} + 4$
18	3	16	2	1	17
19	4; 9	130	-9	2; 31	3
20	2	5	4474	9	10