

Swiss Games Solutions

Game 1: 2 times the least prime number > x

1	10	5	19	24	8	12	36	32	41	55	51	64	74	84	90
4	22	14	46	58	22	26	74	74	86	118	106	134	158	178	194

Game 2: greatest integer $\leq 2x+1$, i.e. Floor[2x+1]

1	$\frac{1}{2}$	-2	$\frac{1}{3}$	-5	$\frac{4}{7}$	$-\frac{1}{3}$	$\frac{7}{4}$	49	$\sqrt{2}$	$\frac{20}{3}$	$\sqrt{5}$	$-\frac{8}{7}$	$-\sqrt{3}$	$\frac{\pi}{3}$	e
3	2	-3	1	-9	2	0	4	99	3	14	5	-2	-3	3	6

Game 3: $x/2 + 3$ if x is even, $(x+3)/2$ if x is odd

1	2	20	15	3	4	7	8	-2	-1	11	-10	-33	107	256	-37
2	4	13	9	3	5	5	7	2	1	7	-2	-15	55	131	-17

Game 4: distance from x to the nearest power of 3

3	5	26	27	20	30	13	85	82	100	18	33	53	55	250	162
0	2	1	0	7	3	4	4	1	19	9	6	26	26	7	81