Swiss Games Solutions

Game 1: Game 1: $n^2 - 3n$

1	-2	10	2	4	-3	$\frac{1}{2}$	$\frac{1}{3}$	3	5	-4	6	0	$-\frac{1}{2}$	$-\frac{1}{3}$	$-\frac{1}{4}$
-2	10	70	-2	4	18	$-\frac{5}{4}$	$-\frac{8}{9}$	0	10	28	18	0	$\frac{7}{4}$	$\frac{10}{9}$	$\frac{13}{16}$

Game 2: $(-1)^n(n-2)$

0	1	-1	-2	2	3	-3	-4	4	5	-5	-6	10	-10	21	-21
-2	1	3	-4	0	-1	5	-6	2	-3	7	-8	8	-12	-19	23

Game 3: $\frac{2n-1}{n} = 2 - \frac{1}{n}$

1	2	-1	-2	3	4	-3	-4	5	-5	-7	6	$\frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
1	$\frac{3}{2}$	3	$\frac{5}{2}$	$\frac{5}{3}$	$\frac{7}{4}$	$\frac{7}{3}$	$\frac{9}{4}$	$\frac{9}{5}$	$\frac{11}{5}$	$\frac{15}{7}$	$\frac{11}{6}$	0	4	-1	- 2

Game 4: *1 + number of positive divisors of n*

2	10	4	16	1	30	20	31	100	101	8	24	99	5	32	22
3	5	4	6	2	9	7	3	10	3	5	9	7	3	7	5