

Swiss Games Solutions

**Game 1:** remainder on dividing  $n + 2$  by 7

3	10	19	23	13	18	30	40	56	78	143	90	49	214	86	127
5	5	0	4	1	6	4	0	2	3	5	1	2	6	4	3

**Game 2:** distance to least prime  $\geq n$

8	11	12	13	4	20	24	39	63	72	61	75	24	89	90	48
3	0	1	0	1	3	5	2	4	1	0	4	5	0	7	5

**Game 3:**  $n(n - 1) / 2$

7	9	4	5	11	8	6	12	20	16	3	-1	-2	-5	-9	13
21	36	6	10	55	28	15	66	190	120	3	1	3	15	45	78

**Game 4:**  $n$  minus least prime factor

10	11	15	25	18	49	63	77	99	98	83	91	103	2010	143	169
8	0	12	20	16	42	60	70	96	96	0	84	0	2008	132	156