

Swiss Games Solutions

Game 1: greatest integer $\leq \frac{x-5}{2}$

5	7	15	20	29	38	52	45	68	78	87	99	0	-4	-9	-27
0	1	5	7	12	16	23	20	31	36	41	47	-3	-5	-7	-16

Game 2: $x +$ largest prime factor of x

3	15	27	28	7	18	20	19	21	25	26	33	56	58	64	71
6	20	30	35	14	21	25	38	28	30	39	44	63	87	66	142

Game 3: distance to the nearest perfect square

8	10	16	21	7	19	25	15	36	48	30	53	58	70	83	91
1	1	0	4	2	3	0	1	0	1	5	4	6	6	2	9

Game 4: largest prime factor of $(x + 1)$

4	5	10	11	9	13	21	22	31	49	50	51	56	80	58	97
5	3	11	3	5	7	11	23	2	5	17	13	19	3	59	7