

Swiss Games Solutions

**Game 1:**  $(x + 1)^3$

-2	2	0	-1	9	1	4	-3	-5	-11	3/2	-3/2	-1/3	7	6	10
-1	27	1	0	1000	8	125	-8	-64	-1000	125/8	-1/8	8/27	512	343	1331

**Game 2:** remainder on division by 13

4	36	52	25	40	60	19	27	78	68	100	140	93	124	278	89
4	10	0	12	1	8	6	1	0	3	9	10	2	7	5	11

**Game 3:**  $2x - 5$

16	7	-9	15	-4	45	23	-16	0	80	68	78	3/2	-1/4	99	2006
27	9	-23	25	-13	85	41	-37	-5	155	131	151	-2	-11/2	193	4007

**Game 4:** sum of the exponents in the prime factorization

6	8	12	13	80	250	99	72	162	119	120	980	273	800	96	455
2	3	3	1	5	4	3	5	5	2	5	5	3	7	6	3