



$a_i$	$b$	$b^2$	$b^2 \cdot a_i$	$b^2 \cdot a_i^2 (m)$
1	1	1	1	1
0	28	784	784	784
0	784	614656	614656	349
0	349	121801	121801	1741
0	1741	3031081	84870268	1855
1	1855	3441025	96348709	550
0	550	302500	302500	349
1	349	121801	3410428	724
1	724	524176	14676928	1594
0	1594	2540836	2540836	1567
0	1567	2455489	2455489	262
0	262	68644	68644	610
0	610	372100	372100	1915
1	1915	3667225	102682300	985
0	985	970225	970225	1741
0	1741	3031081	3031081	1567

$$28^{36228} \bmod 2001 = 1567$$

Ombem: 1567