



Step	Guessed	Keys \times Data = Memo	Time \cdot Unit	Stored Texts
0	—	$2^0 \times 2^{56} = 2^{56}$	$2^{56} \cdot 2^{-5.3}$	$Z_{21}[0, 1, 2, 3, 4, 5, 6]; X_{21}[8, 9, 10, 12, 13, 14, 15]; Z_{20}[3, 6]$
1	$STK_{21}[0, 1, 2, 3, 4, 5, 6]; STK_{20}[3]$	$2^{32} \times 2^{56} = 2^{88}$	$2^{88} \cdot 2^{-4.6}$	$Z_{20}[0, 1, 2, 4, 5, 6, 7]; X_{20}[8, 11, 12, 13, 14, 15]; X_{19}[12]$
2	$STK_{20}[7]$	$2^{36} \times 2^{48} = 2^{84}$	$2^{92} \cdot 2^{-8.5}$	$Z_{20}[0, 1, 2, 4, 5, 6]; X_{20}[8, 12, 13, 14]; Z_{19}[6]; X_{19}[12]$
3	$STK_{20}[2]$	$2^{40} \times 2^{44} = 2^{84}$	$2^{88} \cdot 2^{-7.5}$	$Z_{20}[0, 1, 4, 5, 6]; X_{20}[8, 12, 13]; Z_{19}[6]; X_{19}[12, 15]$
4	$STK_{20}[0, 4]$	$2^{48} \times 2^{44} = 2^{92}$	$2^{92} \cdot 2^{-6.5}$	$Z_{20}[1, 5, 6]; X_{20}[13]; Z_{19}[0, 6, 7]; X_{19}[10, 12, 13, 15]$
5	$STK_{19}[0]$	$2^{52} \times 2^{40} = 2^{92}$	$2^{96} \cdot 2^{-7.5}$	$Z_{20}[1, 5, 6]; X_{20}[13]; Z_{19}[6, 7]; X_{19}[10, 13, 15]; X_{18}[13]$
6	$STK_{20}[1]$	$2^{56} \times 2^{40} = 2^{96}$	$2^{96} \cdot 2^{-7.5}$	$Z_{20}[5, 6]; X_{20}[13]; Z_{19}[6, 7]; X_{19}[10, 13, 14, 15]; X_{18}[13]$
7	$STK_{19}[6]$	$2^{60} \times 2^{36} = 2^{96}$	$2^{100} \cdot 2^{-8.5}$	$Z_{20}[5, 6]; X_{20}[13]; Z_{19}[7]; X_{19}[13, 14, 15]; Z_{18}[5]; X_{18}[13]$
8	$STK_{20}[5]$	$2^{64} \times 2^{36} = 2^{100}$	$2^{100} \cdot 2^{-7.5}$	$Z_{20}[6]; Z_{19}[1, 7]; X_{19}[11, 13, 14, 15]; Z_{18}[5]; X_{18}[13]$
9	$STK_{19}[1]$	$2^{68} \times 2^{32} = 2^{100}$	$2^{104} \cdot 2^{-7.5}$	$Z_{20}[6]; Z_{19}[7]; X_{19}[11, 14, 15]; Z_{18}[5]; X_{18}[13, 14]$
10	$STK_{19}[7]$	$2^{72} \times 2^{32} = 2^{104}$	$2^{104} \cdot 2^{-7.5}$	$Z_{20}[6]; X_{19}[14]; Z_{18}[3, 5, 6]; X_{18}[9, 13, 14]$
11	$STK_{18}[5]$	$2^{76} \times 2^{24} = 2^{100}$	$2^{108} \cdot 2^{-7.5}$	$Z_{20}[6]; X_{19}[14]; Z_{18}[3, 6]; X_{18}[14]; X_{17}[4]$
12	$STK_{18}[6]$	$2^{80} \times 2^{20} = 2^{100}$	$2^{104} \cdot 2^{-7.5}$	$Z_{20}[6]; X_{19}[14]; Z_{18}[3]; X_{17}[4, 8]$
13	$STK_{20}[6]$	$2^{84} \times 2^{20} = 2^{104}$	$2^{104} \cdot 2^{-8.5}$	$Z_{19}[2]; X_{19}[14]; Z_{18}[3]; X_{17}[4, 8]$
14	$STK_{19}[2]$	$2^{88} \times 2^{16} = 2^{104}$	$2^{108} \cdot 2^{-7.5}$	$Z_{18}[3]; X_{18}[15]; X_{17}[4, 8]$
15	$STK_{18}[3]$	$2^{92} \times 2^4 = 2^{96}$	$2^{108} \cdot 2^{-7.5}$	$Z_{16}[7]$
16	$STK_{16}[7]$	$2^{96} \times 2^4 = 2^{100}$	$2^{100} \cdot 2^{-7.5}$	$X_{15}[3]$
Σ		2^{104}	$2^{102.23}$	