$$= \frac{14 + \sqrt{120 + 14}}{24} =$$

$$\sqrt[24]{\quad}$$

$$11^{21^{79}} \bmod 59$$

$$k = 21^{79} \rightarrow 11^{k} \bmod 59$$

$$\varphi(59) = 58$$

$$k = 21^{79} = 58n + b$$

$$b \equiv 21^{79} \bmod 58$$

$$\varphi(58) = \varphi(2) \cdot \varphi(29) = 28$$

$$b \equiv 21^{28 \cdot 2 + 23} \bmod 58 \Rightarrow 21^{23} \bmod 58 \rightarrow$$

$a = 21$, $m = 23$, $k = 58$

$23_{10} = 10111$

a_i	C	C^2	$C^2 a^{a_i}$	$C^2 a^{a_i} \bmod k$
1	1	1	21	21
0	21	441	441	35
1	35	1225	25725	31
1	31	961	20187	55
1	55	3025	63525	15

$b \equiv 15 \cdot \mod 58$

$11^{15} \mod 59 \rightarrow a=11, m=15, k=59$

$15_{10} = 1110_2$

q_i	c	c^2	$c^2 a^{q_i}$	$c^2 a^{q_i} \mod k$
1	1	1	11	11
0	11	121	1331	33
1	33	1089	11979	28
1	2	4	44	44

$11^{21} \equiv 44 \mod 59$

Ombem:

$\nu 6$

$x^4 - x^3$