Assignment 3

$$\frac{1}{1}$$
 $\frac{11}{12}$ $\frac{8}{9}$

$$\begin{aligned}
\chi &= kello &= \sum \left[(k,e); (l,l); (o,a) \right] = \left[(7,4); (11,11); (14,0) \right] \\
(7,4) &= \left[(7,4); (11,8); (14,0) \right] \\
(71,11) &= \left[(7,4); (11,11); (14,0) \right] \\
(12,9) &= (125,92) = (21,14) \rightarrow 360 \\
(13,11) &= \left[(7,4); (11,11); (14,0) \right] \\
(14,0) &= \left[(7,4); (14,0) \right] \\
(14,0) &= \left$$

$$\det K = \left| \frac{11}{3} \right|^{8} = 11.7 - 3.8 = 77 - 24 = 53$$

$$ged(1,26) = 1$$

$$K^{-1} = (dot K)^{-1} \begin{pmatrix} 7 & -8 \\ -3 & 11 \end{pmatrix}$$

$$(dot K)^{-7} = 1$$

$$(1)^{7} = 1$$

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$$K^{-1} = \begin{pmatrix} 11 & -8 \\ -3 & 7 \end{pmatrix} = \begin{pmatrix} 7 & 18 \\ 23 & 11 \end{pmatrix}$$

$$y = \pm iyi \rightarrow 23,8,24,9$$

$$(23,8)$$
 (418) $= (3(5),502) = (7,8)$

$$(24,9)$$
 (74) $(24,9)$ $(24$