$$x. 4x + 54 - 52 = -14$$

$$3x - 24 + 72 = 41$$

$$4x - 54 - 82 = 15$$

$$y - 5 + 54 - 82 = 15$$

$$y - 5 + 54 - 82 = 5$$

$$-54 + 24 5 + 108 = 417$$

$$84 - 168 - 120 = -204$$

$$64$$

47 -2 -4 44  $\mathbf{X}_{i}$ -224 + 525 + 1692 =180 + 588 - 1880 =05 3 X: 3105 621

Determinant of the original matrix = 621

Determinant of x matrix = 3105

So 
$$x = \frac{3105}{621} = 5$$

$$\begin{cases} \begin{pmatrix} y & -iy & -iy \\ 3 & y & -iy \\ 3 & y & y \\ 2 & 15 & x_0 \\ 1 & y & y_0 \\ -isoy - 686 - 270 = -2760 \\ -isoy - 686 - 270 = -2760 \\ -iay + y_{a0} + 336 = -1218 \\ -1242 & 7 = -1242 \\ -1242 & 7 = -1242 \\ -1242 & 7 = -1242 \\ -1242 & -1242 \\ -1242 & -1242 \\ -1242 & -1242 \\ -1242 & -1242 \\ -1242 & -1242 \\ -1242 & -1242 \\ -124$$

Determinant of matrix y = -1242 So  $y = \frac{-1242}{621} = -2$ Determinant of matrix z = 2484 So  $z = \frac{2484}{621} = 4$ 

Therefore, the solution to the system is (5, -2, 4)