## Solving System of Equation Using Cramer's Rule (3x3 Matrix)



Determinant of the original matrix $=621$


Determinant of $x$ matrix $=3105$

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



Determinant of matrix $y=-1242$

$$
\text { So } y=\frac{-1242}{621}=-2
$$

Determinant of matrix $z=2484$

$$
\text { So } z=\frac{2484}{621}=4
$$

