

Learning Target: I can solve a system of equations using the substitution method.

Warm Up: Is $(5,8)$ a solution to the following equation $y=2 x+1$ ordered/pair, $8=2(5)+1$ - Coordinate ( $x, y$ )


Guided Practice: Solving a system of equations by substitution

Exercise 1 - Solve the following system of equations-

$$
\begin{gathered}
y=2 x-3 \\
y=-2 x+5
\end{gathered}
$$





Problem Set: Solve each of the systems below by the substitution method. Check your solution

1) $y=2 x-3$
$y=-3 x+2$

## Check

$$
\text { 2) } \begin{aligned}
& y=x-2 \\
& 2 x+2 y=4
\end{aligned}
$$

