

## Adapting and Modifying Tasks

**Sorting** – Given 16 different systems of equations, arrange them into groups. Create at least two different set of groupings based on shared characteristics of the systems.

$\begin{aligned} 5x + y &= 9 \\ 10x - 7y &= -18 \end{aligned}$	$\begin{aligned} 3x - 2y &= 2 \\ y &= -10 - x \end{aligned}$	$\begin{aligned} 6x - 2y &= 7 \\ 3x - y &= 5 \end{aligned}$	$\begin{aligned} -14 &= -20y - 7 \\ 10y + 4 &= 2x \end{aligned}$
$\begin{aligned} y &= x^2 + 4x + 3 \\ y &= 2x + 6 \end{aligned}$	$\begin{aligned} 2x - 3y &= 6 \\ 6x - 18 &= 9y \end{aligned}$	$\begin{aligned} 8x + y &= -1 \\ -3x + y &= -5 \end{aligned}$	$\begin{aligned} x - y &= 11 \\ 2x + y &= 19 \end{aligned}$
$\begin{aligned} x^2 + y^2 - 4 &= 0 \\ 2y^2 + x + 2 &= 0 \end{aligned}$	$\begin{aligned} x^2 + y^2 &= 25 \\ x - y &= 5 \end{aligned}$	$\begin{aligned} -4x - 2y &= -12 \\ 4x + 8y &= -24 \end{aligned}$	$\begin{aligned} 3 + 2x - y &= 0 \\ -3 - 7y &= 10x \end{aligned}$
$\begin{aligned} x^2 + y^2 - 16x + 39 &= 0 \\ x^2 - y^2 - 9 &= 0 \end{aligned}$	$\begin{aligned} -7x + y &= -19 \\ -2x + 3y &= -1 \end{aligned}$	$\begin{aligned} x &= 3y - 5 \\ y &= 2x + 4 \end{aligned}$	$\begin{aligned} 2x - y &= 3 \\ y - 3 &= 3x \end{aligned}$