

Ejercicio. Resuelva cada sistema de ecuaciones utilizando el método de reducción de Gauss-Jordan

$\begin{aligned} 2x + y - 2z &= 4 \\ x + 3y - z &= -3 \\ 3x + 4y - z &= 7 \end{aligned}$	$\begin{aligned} x + y + z &= 0 \\ 2x - y + z &= 1 \\ x + y - 2z &= 2 \end{aligned}$	$\begin{aligned} 2x + 2y + z &= 9 \\ x + z &= 4 \\ 4y - 3z &= 17 \end{aligned}$
$\begin{aligned} 2x + 3y - 2z &= 10 \\ 3x - 2y + 2z &= 0 \\ 4x - y + 3z &= -1 \end{aligned}$	$\begin{aligned} 2x + 4y - 6z &= 38 \\ x + 2y + 3z &= 7 \\ 3x - 4y + 4z &= -19 \end{aligned}$	$\begin{aligned} 2x + y + z &= 3 \\ 3x - 2y - 2z &= 8 \\ x - 2y + 3z &= -6 \end{aligned}$
$\begin{aligned} x + 2z &= 0 \\ 3x + y &= 7 \\ x + 2y + z &= 3 \end{aligned}$	$\begin{aligned} x + y + z &= 2 \\ 2x + y + z &= 3 \\ 3x + 2y + z &= 3 \end{aligned}$	$\begin{aligned} 3x + 2y + 4z &= -5 \\ 2x - y + 2z &= 0 \\ x - 2y + 4z &= 0 \end{aligned}$
$\begin{aligned} x + 2y + 2z &= 3 \\ x - 2z &= 4 \\ y - z &= 1 \end{aligned}$	$\begin{aligned} x - 3y + 4z &= 2 \\ 2x + 2z &= 1 \\ x + 2y + z &= 1 \end{aligned}$	$\begin{aligned} x + y + 2z &= 5 \\ 4x + z &= 5 \\ 2x + y + z &= 5 \end{aligned}$
$\begin{aligned} x + 2y + z &= 2 \\ 3x + 4y - 2z &= -2 \\ 2x - z &= 2 \end{aligned}$	$\begin{aligned} 3x + y &= 4 \\ 2x - 2y + z &= 9 \\ x + y + 2z &= 2 \end{aligned}$	