

# L<sup>A</sup>T<sub>E</sub>X(4)

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```
\documentclass[fleqn]{article}
\usepackage[utf8]{inputenc}
\usepackage[spanish]{babel}
\usepackage{graphicx}
\usepackage{amsmath,amssymb}
\usepackage[a4paper,textheight=24cm,textwidth=16cm]{geometry}
\setlength{\parindent}{0cm}
\setlength{\parskip}{8pt}
\setlength{\mathindent}{10mm}
\pagestyle{empty}

\begin{document}

\end{document}
```

$\times$	1	$i$	-1	$-i$
1	1	$i$	-1	$-i$
$i$	$i$	-1	$-i$	1
-1	-1	$-i$	1	$i$
$-i$	$-i$	1	$i$	-1

```
\[
\begin{array}{|c||c|c|c|c|}
\hline
\times&1&i&-1&-i\\
\hline
1&1&i&-1&-i\\
\hline
i&i&-1&-i&1\\
\hline
-1&-1&-i&1&i\\
\hline
-i&-i&1&i&-1\\
\hline
\end{array}
\]
```

$\times$	1	$i$	-1	$-i$
1	1	$i$	-1	$-i$
$i$	$i$	-1	$-i$	1
-1	-1	$-i$	1	$i$
$-i$	$-i$	1	$i$	-1

```
\[
\renewcommand{\arraystretch}{1.50}
\setlength{\arraycolsep}{8pt}
\begin{array}{|c||c|c|c|c|}
\hline
\times&1&i&-1&-i\\
\hline
1&1&i&-1&-i\\
\hline
i&i&-1&-i&1\\
\hline
-1&-1&-i&1&i\\
\hline
-i&-i&1&i&-1\\
\hline
\end{array}
\]
```

	1	-2	3	1	5
-1		-1	3	-6	5
	1	-3	6	-5	10

```

\[
\renewcommand{\arraystretch}{1.50}
\setlength{\arraycolsep}{8pt}
\begin{array}{c|rrrrr}
& 1 & -2 & 3 & 1 & 5 \\
-1 & & -1 & 3 & -6 & 5 \\
\hline
& 1 & -3 & 6 & -5 & 10
\end{array}
\]

```



$$\begin{cases} 2x - 5y + 4z = -1 \\ -x - 2y + z = 7 \\ 4x + y - 3z = -6 \end{cases}$$

```

\[
\renewcommand{\arraystretch}{1.25}
\setlength{\arraycolsep}{2pt}
\left\lbrace
\begin{array}{rrrrrrc}
2x& -& 5y& +& 4z& =& -1 \\
-x& -& 2y& +& z& =& 7 \\
4x& +& y& -& 3z& =& -6
\end{array}
\right.
\]
```

$$2x - 5y + 4z = -1$$

$$-x - 2y + z = 7$$

$$4x + y - 3z = -6$$

```

\begin{alignat*}{7}
2&x & &- & 5&y & &+ & 4&z & &= & -&1\\
-&x & &- & 2&y & &+ & &z & &= & &7\\
4&x & &+ & &y & &- & 3&z & &= & -&6
\end{alignat*}

```

$$\begin{cases} 2x - 5y + 4z = -1 \\ -x - 2y + z = 7 \\ 4x + y - 3z = -6 \end{cases}$$

```
\[  
\begin{cases}  
2x-5y+4z=-1\\  
-x-2y+z=7\\  
4x+y-3z=-6  
\end{cases}  
\]
```



$$|x| = \begin{cases} x & \text{si } x > 0 \\ -x & \text{si } x \leq 0 \end{cases}$$

```
\[
|x|=
\begin{cases}
x&\mbox{ si }x>0\\
-x&\mbox{ si }x\le0
\end{cases}
\]
```

$$f(x) = \begin{cases} \frac{\text{sen } x}{x} & \text{si } x \neq 0 \\ 1 & \text{si } x = 0 \end{cases}$$

```
\[
f(x)=
\begin{cases}
\dfrac{\text{sen } x}{x}&\mbox{ si }x\neq0\\[2mm]
\quad 1&\mbox{ si }x=0
\end{cases}
\]
```

Gracias por vuestra atención