ÁLGEBRA TRIVIAL

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	Ecuación 1 grado simple	**Ecuación 1 grado paréntesis y denominador**	**Ecuación 2 grado incompleta**	**Ecuación 2 grado completa**	**Ecuación 2 grado con identidad notable**	**Sistemas de ecuaciones**
1	$2x-34=-20$ Sol: $x=7$		$x^2-5x=0$ *(Sol: $x_1=0$, $x_2=5$)*	$x^2-7x+12=0$ | 3 | 4	$(x+2)^2-(x-1)^2=x(3x+4)+8$ | -1/2 | -1/3	$\begin{cases}2x+y=5\\x-3y=-1\end{cases}$ $x=2;y=1$
2			$x^2-16=0$ *(Sol: $x=\pm4$)*	$x^2-5x+6=0$ | 2 | 3	$(5x-4)^2-(3x+5)(2x-1)=20x(x-2)+27$ | -1 | -6	$\begin{cases}3x-4y=8\\2x+3y=11\end{cases}$ $x=4;y=1$
3			$x^2+8x=0$ *(Sol: $x_1=0$, $x_2=-8$)*	$x^2+6x=-9$ | -3	$(x-1)^2+11x+199=3x^2-(x-2)^2$ | 17 | -12	$\begin{cases}\frac{x}{2}+3y=11\\2x-\frac{y}{3}=7\end{cases}$ $x=4;y=3$
4			$x^2-49=0$ *(Sol: $x=\pm7$)*	$x^2-9x+14=0$ | 2 | 7	$(x+4)^2+(x-3)^2=(x+5)^2$ | 0 | 8	$\begin{cases}2x+y=3\\3x-4y=10\end{cases}$ $x=2;y=-1$
5			$3x^2-9x=0$ *(Sol: $x_1=0$, $x_2=3$)*	$2x^2+10x-48=0$ | 3 | -8	$(x+3)^2-8x-9=0$ | 0 | 2	$\begin{cases}5x-4y=17\\6x-y=9\end{cases}$ $x=1;y=-3$
6			$x^2+49=0$ *(Sol: ∄ soluc.)*	$x^2=5x+6$ | 6 | -1	$(x+13)^2=(x+12)^2+(x-5)^2$ | 0 | 12	$\begin{cases}3x-2y=13\\4x+5y=2\end{cases}$ $x=3;y=-2$

7			$2x^2-18=0$ *(Sol: $x=\pm3$)*	$2x^2+7x+6=0$ | -2 | 3/2	$(2x-3)^2=1$ *(Sol: $x_1=1$, $x_2=2$)*	$\begin{cases}3(x-2y+1)=-3y\\x+5y=2x+3y+3\end{cases}$ $x=1;\ y=2$
8			$5x^2+x=0$ *(Sol: $x_1=0$, $x_2=-1/5$)*	$3x^2-16x+5=0$ | 5 | 1/3	$(5x-1)^2=16$ *(Sol: $x_1=1$, $x_2=-3/5$)*	$\begin{cases}2x+3y=7\\5x-6y=4\end{cases}$ $x=2;y=1$
9			$x^2+x=0$ *(Sol: $x_1=0$, $x_2=-1$)*	$x^2-4x-96=0$ | 12 | -8	$(2x-4)^2=0$ *(Sol: $x=2$)*	$\begin{cases}4(x-3)+y=0\\3(x+3)-y=18\end{cases}$ $x=3;y=0$
10			$4x^2-1=0$ *(Sol: $x=\pm1/2$)*	$4x^2+4x=3$ | ½ | -3/2	$(2-x)^2+x=x(2-x)+7$ *(Sol: $x_1=3$, $x_2=-1/2$)*	$\begin{cases}x-3y=21\\2x+5y=-35\end{cases}$ $x=0;y=-7$
11			$9x^2-4=0$ *(Sol: $x=\pm2/3$)*	$3x^2+2x=8$ | -2 | 4/3	$(x-3)^2=\frac{x}{4}$ *(Sol: $x_1=4$, $x_2=9/4$)*	$\begin{cases}2x+3y=12\\3x-2y=5\end{cases}$ $x=3;y=2$
12			$25x^2-9=0$ *(Sol: $x=\pm3/5$)*	$x^2+8x+15=0$ | -5 | -3 |	$(5x-2)^2-2x=15x^2$ *(Sol: $x_1=2$, $x_2=1/5$)*	$\begin{cases}y=5\\\frac{4x}{3}+\frac{2y}{5}=6\end{cases}$ $x=3;y=5$