

2 FEBRERO

3 FEBRERO

MATEMÁTICAS

TERCERO A Y B



MÉTODO DE REDUCCIÓN O SUMA Y RESTA

TRUCO 1

$$3x + 5y = 17$$

$$3x + 2y = 14$$

Para restar se cambia el signo al sustraendo: (ecuación No. 2)

$$\begin{array}{r} 3x + 5y = 17 \\ -3x - 2y = -14 \\ \hline 0 \quad 3y = 3 \\ y = \frac{3}{3} \end{array}$$

$$y = 1$$

Sustituimos el valor de y

$$\begin{array}{l} 3x + 5y = 17 \\ 3x + 5(1) = 17 \\ 3x + 5 = 17 \\ 3x = 17 - 5 \\ 3x = 12 \\ x = \frac{12}{3} \end{array}$$

$$x = 4$$

$$\begin{cases} 2x + 3y = 23 \\ 2x + y = 13 \end{cases}$$

$$\begin{cases} 2x + 3y = 23 \\ 2x \quad y = 13 \end{cases}$$

Cambia los signos a todo el sustraendo

$$2x + 3y = 23$$

$$() =$$

$$=$$

$$=$$

$$=$$

$$=$$

$$=$$

$$=$$

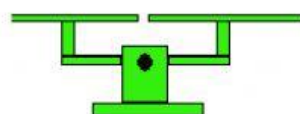
Comprobaciones

$$2x + 3y = 23$$

$$() () =$$

$$=$$

$$=$$

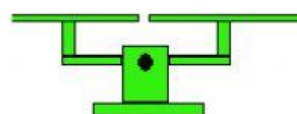


$$-2x - y = -13$$

$$() =$$

$$=$$

$$=$$



$$\begin{cases} 5x + 4y = 22 \\ -x + 4y = 10 \end{cases}$$

$$\begin{cases} 5x + 4y = 22 \\ x \quad 4y = 10 \end{cases}$$

Cambia los
signos a
todo el
sustraendo

$$5x + 4y = 22$$

$$(\quad) =$$

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Comprobaciones

$$5x + 4y = 22$$

$$(\quad) (\quad) =$$

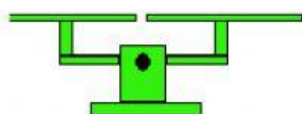
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$$x - 4y = -10$$

$$(\quad) =$$

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