Ecuaciones lineales

1. $3x - 2 = x + 8$

$3x - \quad = 8 +$

$=$

$x = \quad /$

$x =$



2. $x + 2x + 3x = 1 + 2 + 3$

$=$

$x = \quad /$

$x =$

3. $3x - 1 = 4x + 4$

$-1 - \quad = 4x -$

$=$



4. $3.(x + 5) = 21$

$x + 5 = 21/$

$x + 5 =$

$x =$

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5. $\frac{3x-1}{7}+\frac{2x-1}{3}=x$

Solución:



$$\frac{3(3x-1)+7.(\quad)}{7.}=x$$

$$\frac{9x-\quad+\quad-}{\qquad\qquad\qquad\qquad}=x$$

$$\frac{-10}{\qquad}=x$$

$$-10=\quad x$$

$$-21x=10$$

$$x=$$

6. $\frac{x}{3}-\frac{1}{6}=\frac{x}{4}+\frac{1}{2}$

Solución:

$\frac{x}{3}-\frac{1}{6}=\frac{x}{4}+\frac{1}{2}$ *(Multiplico x12)*

$$\underbrace{12.\frac{x}{3}}-\underbrace{12.\frac{1}{6}}=\underbrace{12.\text{——}}+\underbrace{12.\text{——}}$$

$$-\quad 2\quad=\qquad+$$

$$4x\quad-\qquad=\qquad+$$

$$x\quad=$$

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