

Ecuaciones lineales con dos o más denominadores

Despeja la variable de la ecuación

$$\frac{1}{6} + \frac{2x}{5} = \frac{-2x}{3}$$

$$x = \frac{-5}{32}$$

$$x = \frac{8}{13}$$

$$\frac{1}{5} - \frac{1}{2} = \frac{x}{4} + 2$$

$$x = \frac{-5}{16}$$

$$x = \frac{46}{-5}$$

$$\frac{3}{2}x - \frac{x}{8} = 5(x - 1)$$

$$x = \frac{40}{29}$$

$$x = \frac{20}{-29}$$

$$\frac{x-2}{3} + \frac{x+3}{5} = \frac{3x}{10}$$

$$x = \frac{2}{7}$$

$$x = \frac{7}{18}$$

$$\frac{4x-2}{3} = \frac{x-2}{6} + \frac{3x+5}{4}$$

$$x = \frac{19}{5}$$

$$x = \frac{11}{29}$$

$\frac{6x}{5} - \frac{x+5}{15} = 2x - \frac{x+3}{3}$		$x = \frac{2}{-29}$
		$x = \frac{5}{4}$

$\frac{5-x}{9} - \frac{1}{18} = \frac{x+1}{6}$		$x = \frac{5}{4}$
		$x = \frac{6}{5}$

$\frac{3x-2}{6} + \frac{2(x-1)}{4} = \frac{1}{24}$		$x = \frac{7}{8}$
		$x = \frac{8}{24}$

$\frac{2x}{5} - x = \frac{x}{10} - 2(3x-1)$		$x = \frac{8}{51}$
		$x = \frac{20}{53}$

$\frac{2x}{7} - 2x = \frac{x}{21} - 2\left(\frac{x}{14} - 4\right)$		$x = \frac{-84}{17}$
		$x = \frac{15}{-28}$