ECUACIONES DE 1º GRADO con denominador

Ej.1.

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

$$\frac{\quad\cdot(x-2)}{\quad} - \frac{\quad\cdot 2x}{\quad} - \frac{\quad\cdot 5}{\quad} = \frac{\quad\cdot(2x-4)}{\quad} + \frac{\quad\cdot(x-5)}{\quad}$$

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

$$=$$

$$x \quad x \quad x \quad x = -4 - \quad + \quad 30$$

$$x = \quad \Rightarrow \quad x = \frac{\quad}{\quad} =$$

Ej.2.

$$\frac{2x+1}{5} + \frac{3}{4} - \frac{x}{10} = x - \frac{9}{20}$$

$$\frac{\quad\cdot(2x+1)}{\quad} + \frac{\quad\cdot 3}{\quad} - \frac{\quad\cdot x}{\quad} = \frac{\quad\cdot x}{\quad} - \frac{\quad\cdot 9}{\quad}$$

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

$$=$$

$$x \quad x \quad x = \quad 9 - \quad -$$

$$x = \quad \Rightarrow \quad x = \frac{\quad}{\quad} =$$

Ej.3.

$$1 + \frac{2x-3}{3} - \frac{x}{6} = \frac{x-4}{8} + \frac{1}{2}$$

$$\frac{\quad\cdot 1}{\quad} + \frac{\quad\cdot(2x-3)}{\quad} - \frac{\quad\cdot x}{\quad} = \frac{\quad\cdot(x-4)}{\quad} + \frac{\quad\cdot 1}{\quad}$$

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

$$=$$

$$x \quad x \quad x = - \quad + \quad - \quad + \quad \Rightarrow \quad x = \quad \Rightarrow \quad x = \frac{\quad}{\quad} =$$

LIVEWORKSHEETS