

## ECUACIONES DE PRIMER GRADO

Problema 123:

Resolver

$$\frac{x}{6} - \frac{5}{3} = \frac{6x - 2}{5} - \frac{x + 8}{5}$$

Solución Problema 123:

$$\frac{x}{6} - \frac{5}{3} = \frac{6x - 2 - x - 8}{5}$$

$$\frac{x}{6} - \frac{5}{3} = \frac{5x - 10}{5}$$

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

$$MDC = 6$$

$$\frac{x - 10}{6} = \frac{6x - 12}{6}$$

$$x - 10 = 6x - 12$$

$$6x - x = 12 - 10$$

$$5x = 2$$

$$x = \frac{2}{5}$$