

ECUACIONES DE PRIMER GRADO

Problema 140:

Resolver

$$2(2 - x) + \frac{x}{3} - \frac{x}{2} = \frac{3(x + 2)}{2}$$

Solución Problema 140:

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

$$MDC = 6$$

$$\frac{24 - 12x + 2x - 3x}{6} = \frac{9x + 18}{6}$$

$$24 - 12x + 2x - 3x = 9x + 18$$

$$-12x + 2x - 3x - 9x = 18 - 24$$

$$-22x = -6$$

$$x = \frac{-6}{-22} = \frac{6}{22} = \frac{3}{11}$$