ECUACIONES DE PRIMER GRADO

Problema 139:

Resolver

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

Solución Problema 139:

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

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

$$MDC = 6$$

$$\frac{4x + 9x - 6x}{6} = \frac{12 - 30x}{6}$$

$$4x + 9x - 6x = 12 - 30x$$

$$30x + 4x + 9x - 6x = 12$$

$$37x = 12$$

$$x = \frac{12}{37}$$