ECUACIONES DE PRIMER GRADO

Problema 118:

Resolver

$$7(x+5) - 2x = -(3x + \frac{1}{2})$$

Solución Problema 118:

$$7x + 35 - 2x = -(\frac{6x+1}{2})$$

$$5x + 35 = -(\frac{6x+1}{2})$$

$$5x + 35 = \frac{-6x-1}{2}$$

$$10x + 70 = -6x - 1$$

$$10x + 6x = -1 - 70$$

$$16x = -71$$

$$x = \frac{-71}{16}$$