

ECUACIONES DE PRIMER GRADO

Problema 114:

Resolver

$$\frac{x-7}{5} - \frac{x-11}{6} + \frac{x-10}{7} = 2$$

Solución Problema 114:

$$MDC = 210$$

$$42(x-7) - 35(x-11) + 30(x-10) = 420$$

$$42x - 294 - 35x + 385 + 30x - 300 = 420$$

$$37x = 420 + 294 - 385 + 300$$

$$37x = 629$$

$$x = \frac{629}{37} = 17$$