

## ECUACIONES DE PRIMER GRADO

Problema 110:

Resolver

$$(2x + 3)^2 - 4 = (x - 1)^2 + 3(x^2 + 1)$$

Solución Problema 110:

$$4x^2 + 9 + 12x - 4 = x^2 + 1 - 2x + 3x^2 + 3$$

$$4x^2 - 4x^2 + 12x + 2x = 1 + 3 + 4 - 9$$

$$14x = 8 - 9$$

$$14x = -1$$

$$x = \frac{-1}{14}$$