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(ACHA3000)

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$$201) 3(7x-1) = 6(x+3)$$

$$21x - 3 = 6x + 18$$

$$21x - 6x = 18 + 3$$

$$15x = 21$$

$$x = \frac{21}{15} \div 3$$

$$= \frac{7}{5}$$

$$(111) \frac{5x+3}{4} = \frac{2x-1}{9}$$

$$9(5x+3) = 4(2x-1)$$

$$45x + 27 = 8x - 4$$

$$45x - 8x = -4 - 27$$

$$37x = -31$$

$$x = \frac{-31}{37}$$

$$37$$

$$361) x^2 + 10x + 21 = 0 \quad 1 \times 21$$

$$(x+3)(x+7) = 0 \quad 3 \times 7$$

$$x = -3 \quad x = -7$$

$$(11) x^2 - 3x + 2 = 0 \quad 1 \times 2$$

$$(x-1)(x-2) = 0$$

$$x = +1 \quad x = +2$$