

3pm 3/11/20 ACHA3000

Dale Smart
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Page 2 of 7

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

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

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

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

$$37x = -31$$

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

$$x = -0.837$$

3. i) $x^2 + 10x + 21 = 0$ 7x3

$$(x+7)(x+3)$$

Foil

$$x^2 + 3x + 7x + 21 = 0 \quad \checkmark$$

$$x = 0 - 7$$

$$x = 0 - 3$$

$$\boxed{x = -7}$$

$$\boxed{x = -3}$$