



2 of 8

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3 PM

ACHA 30000

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$$\textcircled{v} \sqrt{x} \times \sqrt{x}$$

~~$x \times x$~~

$(\sqrt{x})^2$

$(x^{\frac{1}{2}})^2$

x^1

x

2.

$$\textcircled{i} 15x - 2 = 12x + 9$$

$$15x - 12x = 9 - 2$$

$$3x = 7$$

$$x = \frac{7}{3}$$

$$\underline{\underline{x = 2.33}}$$

$$\textcircled{ii} 3(7x - 1) = 6(x + 3)$$

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

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

$$15x = 15$$

$$x = \frac{15}{15}$$

$$\underline{\underline{x = 1}}$$

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

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

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

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

$$37x = -31$$