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Q1)

i) ~~x~~ x^9

ii) $12x^6$

iii) $\frac{3x^9}{x^9} = 3x$

iv) $9x^5$

v) x^2

Q2) i) $15x - 2 = 12x + 9$

$$15x = 12x + 11$$

$$3x = 11$$

$$x = 3.67$$

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

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

$$21x = 6x + 21$$

$$15x = 21$$

$$x = 1.4$$

iii)

$$\frac{5x + 3}{4}$$

=

$$\frac{2x - 1}{9}$$