

$$(x + = 0.58)$$

$$(x - = -1)$$

$$(x = 4)$$

into ①

$$(y = 1)$$

$$4. i) x^8 \times x \times x^4 = x^{18}$$

$$ii) (2x^3)^3 = 8x^9$$

$$iii) \frac{x^{12} \times x^8}{x^1} = x^{19}$$

$$iv) 5x^2 \times 3x^4 = 15x^6$$

$$v) \frac{10x^5}{2x^2} = 5x^3$$

5.

$$2(x^2 + y^2) + x^2(x - y) + 3xy - x^3$$

$$2x^2 + 2y^2 + x^3 - x^2y + 3xy - x^3$$

$$2x^2 + 2y^2 - x^2y + 3xy$$

$$i) 5(2x + 1) = 4(3x + 2)$$

$$ii) 12x + 5 = 4x - 1$$

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

$$10x + 5 = 12x + 8$$

$$12x - 4x = -1 - 5$$

$$-8 + 5 = 12x - 10x$$

$$8x = -6$$

$$3x^2 = 6$$

$$6(10x - 1)$$

$$6(15x + 1)$$