$$5(10 + 2) 12(y + 3)$$

$$5.10 + 5.2 12y + 12.3$$

$$x(y+2) x(3+y)$$

$$xy + xz 3.x + x.y$$

Like terms

-> same variable

-> same exponent

$$2x^2 + 3x + 5x^3 + 2 + 7x^2 + 3$$
 $5x^3 + 9x^2 + 3x + 5$

$$2x(x+3) + 5(x-10)$$

$$2x^{2} + 6x + 5x - 50$$

$$2x^{2} + 11x - 50$$