

Semana 5

$$1) a^2 + ab + ax + bx = (a^2 + ab) + (ax + bx)$$

$$a(a+b) + x(a+b)$$

$$(a+b)(a+x)$$

$$2) am - bm + an - bn = (am - bm) + (an - bn)$$

$$m(a-b) + n(a-b)$$

$$(a-b)(m+n)$$

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

$$x(1+x) - y^2(1+x)$$

$$x(1+x) - y^2(1+x)$$

$$(1+x)(x-y^2)$$

$$4) a^2 - 2ab + b^2 = (a+b)^2$$

$$2(a+b) = 2ab$$

$$5) 4x^2 - 12xy + 9y^2 = (2x+3y)^2$$

$$2(2x \times 3y) = 12xy$$