

Junio 23-06-21

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

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

$$a(a+b) + x(a+b) = Fc. (a+b)$$

R// $(a+b) + (m+n)$

2) $am - bm + an - bn$

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

$$m(a-b) + n(a-b) = Fc. (a-b)$$

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

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

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

$$x(x) - y(x) = Fc. (x)$$

R// $(x) - (x - y)$

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

$$\sqrt{a^2} = a$$

$$= (a-b)^2$$

$$\sqrt{b^2} = b$$

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

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

$$\sqrt{4x^2} = 2x$$

$$\sqrt{9y^2} = 3y$$

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

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