

$$(a-b+1)(a^3-b^3)$$

Actividad #5 Bloque II Matemáticas 4 Semana 14

1.- $a^2 + ab + ax + bx$
 $(a^2 + ab) + (ax + bx)$
 $a(a+b) + x(a+b)$
 $(a+b)(a+x)$

2.- $am - bm + an - bn$
 $(am - bm) + (an - bn)$
 $m(a-b) + n(a-b)$
 $(a-b)(m+n)$

$$\begin{aligned}
 3. & \quad x + x^2 - xy^2 - y^2 \\
 & \quad (x + x^2)(xy^2 - y^2) \\
 & \quad x(1+x) - y^2(x+1) \\
 & \quad (1+x)(x-y^2)
 \end{aligned}$$

$$\begin{aligned}
 4. & \quad a^2 - 2ab + b^2 \\
 & \quad 2(a^2 - ab + b^2)
 \end{aligned}$$

$$\begin{aligned}
 5. & \quad 4x^2 - 12xy + 9y^2 \\
 & \quad \wedge (4x^2 - 12xy + 9y^2)
 \end{aligned}$$