

NOMBRE COMPLETO:

1.- REALIZAR LOS SIGUIENTES EJERCICIOS DE FACTOR COMUN POR AGRUPACION

a) $x^2 - 2x + cx - 2c =$

$(x^2 - 2x) + (cx - 2c) =$

$\underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) =$

$(\hspace{1cm} + \hspace{1cm})(\hspace{1cm} - \hspace{1cm})$

b) $mx - m + x - 1 =$

$(mx - m) + (x - 1) =$

$\underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) =$

$(\hspace{1cm} + \hspace{1cm})(\hspace{1cm} - \hspace{1cm})$

c) $2yz + 7y - 2z - 7 =$

$(\hspace{1cm} - \hspace{1cm}) + (\hspace{1cm} - \hspace{1cm}) =$

$\underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) + \underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) =$

$(\hspace{1cm} + \hspace{1cm})(\hspace{1cm} - \hspace{1cm})$

d) $3ax - 3ay - 2bx + 2by =$

$(3ax - 3ay) - (2bx - 2by) =$

$\underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) - \underline{\hspace{1cm}}(\hspace{1cm} - \hspace{1cm}) =$

$(\hspace{1cm} - \hspace{1cm})(\hspace{1cm} - \hspace{1cm})$

e) $a^3 + a + a^2 + 1 + x^2 + a^2x^2 =$

$(a^3 + a) + (a^2 + 1) + (x^2 + a^2x^2) =$

$\underline{\hspace{1cm}}(\hspace{1cm} + \hspace{1cm}) + (a^2 + 1) + \underline{\hspace{1cm}}(\hspace{1cm} + a^2) =$

$(a^2 + 1)(\hspace{1cm} + \hspace{1cm} + \hspace{1cm})$

