GUIA Interactiva 1º año Medio
Aliberti- Boric
2 Semestre

Asignatura: Matemática
Unidad: Algebra
Contenido(s): Expresiones algebraica

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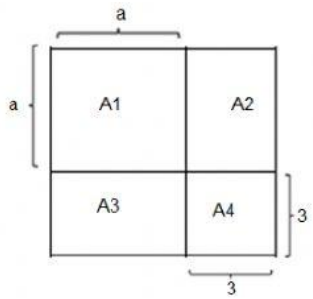
1) Calcular el área de las siguientes figuras geométricas a través del desarrollo del producto productos notables.

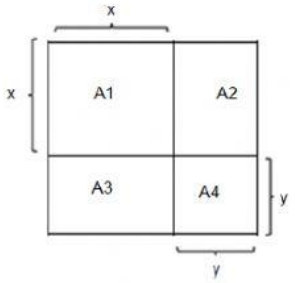
a)



$Area\ total\ 1 = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

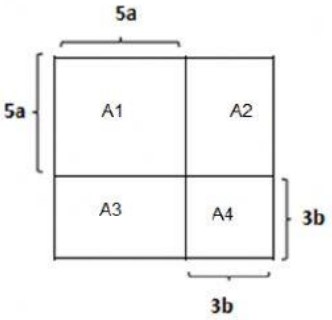
b)



$Area\ total\ 2 = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

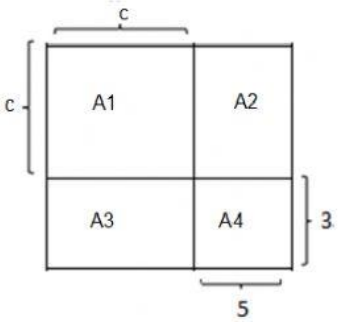
c)



$Area\ total\ 3 = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

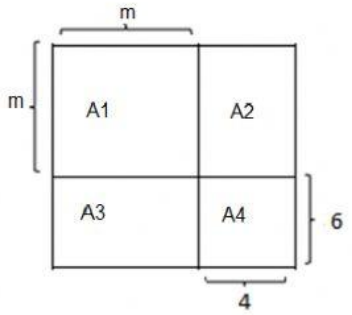
d)



$Area\ total\ 4 = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

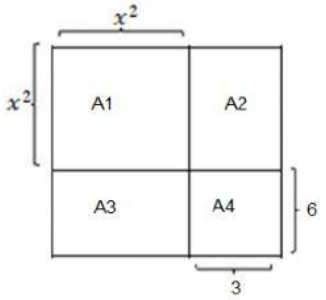
e)



$Area\ total\ 5\ = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

f)



$Area\ total\ 6 = A1 + A2 + A3 + A4$

A1 + A2 + A3 + A4

I. Arrastrar las áreas a sus respectivas figuras.

$A1$	$A2$	$A3$	A4
x^2	$4m$	$15ab$	y^2
c^2	$3a$	$6x^2$	24
a^2	$5c$	xy	9
m^2	$3x^2$	$6m$	15
x^4	xy	$3c$	18
$25a^2$	$15ab$	$3a$	$9b^2$

II. Une cada área total con sus términos ya reducidos.

$área\ total\ 1$	$c^2 + 8c + 15$
$área\ total\ 2$	$x^4 + 9x^2 + 18$
$área\ total\ 3$	$a^2 + 6x + 9$
$área\ total\ 4$	$25a^2 + 30ab + 9b^2$
$área\ total\ 5$	$m^2 + 10m + 24$
$área\ total\ 6$	$x^2 + 2xy + y^2$