



GUIA Interactiva 1º año Medio

Aliberti- Boric

2 Semestre

Asignatura: Matemática

Unidad: Algebra

Contenido(s): Expresiones algebraica

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Asignatura: Matemática

Curso: 1º medio Boric

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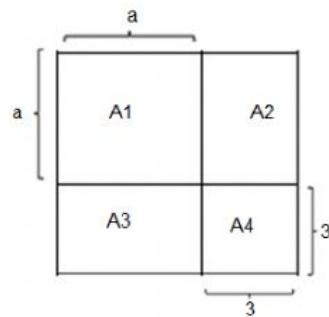
Asignatura: Matemática

Curso: 1º medio Aliberti



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

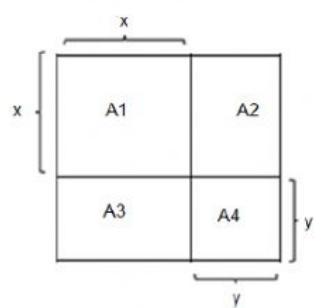
a)



$$\text{Area total 1} = A_1 + A_2 + A_3 + A_4$$

$$[A_1] + [A_2] + [A_3] + [A_4]$$

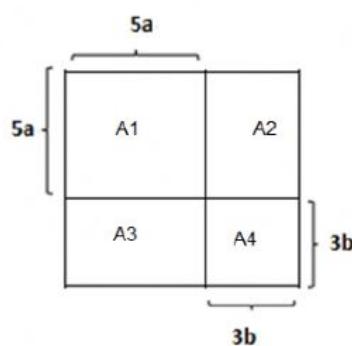
b)



$$\text{Area total 2} = A_1 + A_2 + A_3 + A_4$$

$$[A_1] + [A_2] + [A_3] + [A_4]$$

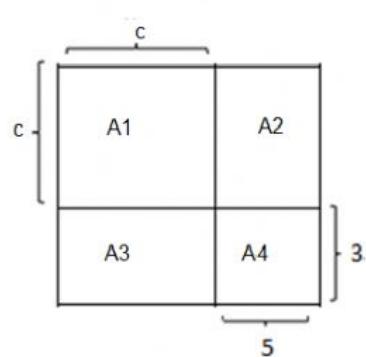
c)



$$\text{Area total 3} = A_1 + A_2 + A_3 + A_4$$

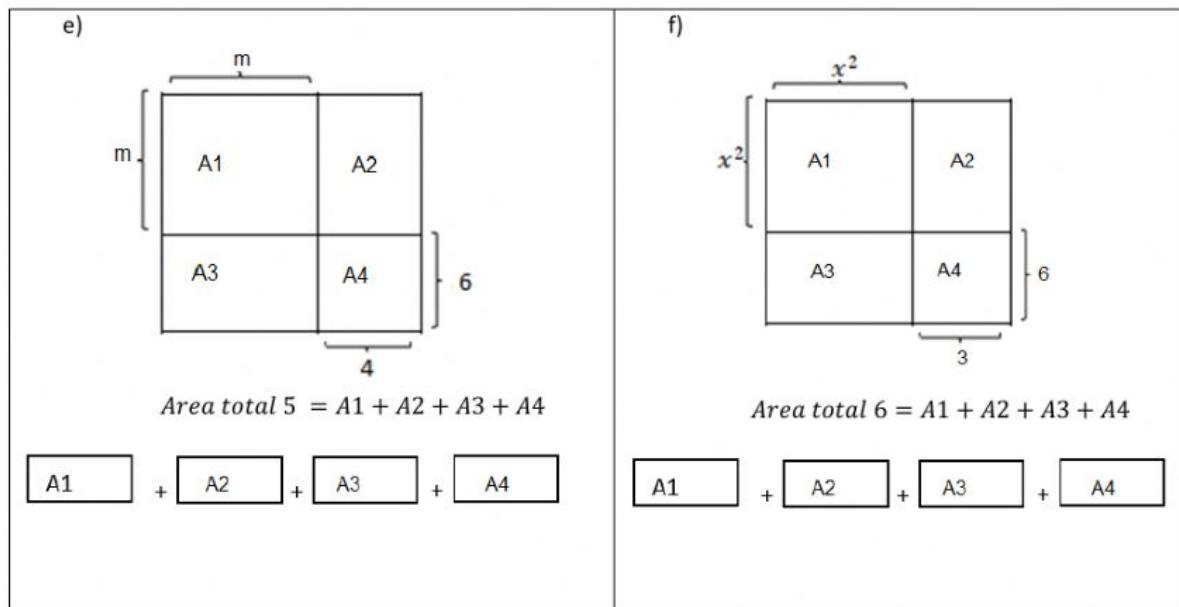
$$[A_1] + [A_2] + [A_3] + [A_4]$$

d)



$$\text{Area total 4} = A_1 + A_2 + A_3 + A_4$$

$$[A_1] + [A_2] + [A_3] + [A_4]$$



I. Arrastrar las áreas a sus respectivas figuras.

A_1	A_2	A_3	A_4
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.

<div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 1</div> <div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 2</div> <div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 3</div> <div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 4</div> <div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 5</div> <div style="background-color: #e0f2e0; padding: 5px; border: 1px solid black; text-align: center;">área total 6</div>	<div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$c^2 + 8c + 15$</div> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$x^4 + 9x^2 + 18$</div> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$a^2 + 6x + 9$</div> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$25a^2 + 30ab + 9b^2$</div> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$m^2 + 10m + 24$</div> <div style="background-color: #ffffcc; padding: 5px; border: 1px solid black; text-align: center;">$x^2 + 2xy + y^2$</div>
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