

# ACADEMIA



## Cuadrado de una suma

Practica: N°03

Inicial: Básico II

Profesor: Luis Enrique Lazo Vásquez

### EJEMPLO:

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

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

$$(x+3)^2 = x^2 + 6x + 9$$

$$(x+4)^2 = ( )^2 + 2( )( ) + ( )^2$$

$$( + )^2 = \quad ^2 + \quad +$$

$$(x+6)^2 = ( )^2 + 2( )( ) + ( )^2$$

$$( + )^2 = \quad ^2 + \quad +$$

$$(x+8)^2 = ( )^2 + 2( )( ) + ( )^2$$

$$( + )^2 = \quad ^2 + \quad +$$

$$(\textcolor{blue}{x} + \textcolor{red}{y})^2 = (\ )^2 + 2(\ )( ) + (\ )^2$$

$$(\quad + \quad)^2 = \quad^2 + \quad + \quad^2$$

$$(2\textcolor{blue}{x} + 3\textcolor{red}{y})^2 = (\ )^2 + 2(\ )( ) + (\ )^2$$

$$(\quad + \quad)^2 = \quad^2 + \quad + \quad^2$$

$$(3\textcolor{blue}{x} + 4\textcolor{red}{y})^2 = (\ )^2 + 2(\ )( ) + (\ )^2$$

$$(\quad + \quad)^2 = \quad^2 + \quad + \quad^2$$

$$(4\textcolor{blue}{x}^2 + 3\textcolor{red}{y}^2)^2 = (\quad)^2 + 2(\quad)(\quad) + (\quad)^2$$

$$(\quad + \quad)^2 = \quad^4 + \quad +$$

$$(2\textcolor{blue}{x}^2 + 3\textcolor{red}{y}^2)^2 = (\quad)^2 + 2(\quad)(\quad) + (\quad)^2$$

$$(\quad + \quad)^2 = \quad + \quad +$$

$$(5x^3 + 6y^4)^2 = (\quad)^2 + 2(\quad)(\quad) + (\quad)^2$$

$$(\quad + \quad)^2 = \quad + \quad$$

$$(7x^4 + 8y^5)^2 = (\quad)^2 + 2(\quad)(\quad) + (\quad)^2$$

$$(\quad + \quad)^2 = \quad + \quad$$