

CÁLCULO MENTAL 12: IDENTIDADES NOTABLES 2

	A			B			C		
1	$(x+1)^2$	$x^2 + \text{■} + 1$		$(x+4)(x-4)$	$x^2 - \text{■}$		$x^2 + \text{■} + 16$	$(x+4)^2$	
2	$x^2 - \text{■}$	$(x+5)(x-5)$		$x^2 - 8x + \text{■}$	$(x-4)^2$		$(x-1)^2$	$x^2 - \text{■} + 1$	
3	$x^2 + 12x + 36$	$(x + \text{■})^2$		$(x+3)^2$	$x^2 + \text{■} + 9$		$(x+2)(x-2)$	$x^2 - \text{■}$	
4	$(x - \text{■})^2$	$x^2 - 6x + 9$		$x^2 - \text{■}$	$(x+1)(x-1)$		$x^2 - 12x + \text{■}$	$(x-6)^2$	
5	$(x + \text{■})(x-5)$	$x^2 - 25$		$x^2 + \text{■} + 4$	$(x+2)^2$		$(x+5)^2$	$x^2 + 10x + \text{■}$	
6	$x^2 - \text{■} + 4$	$(x-2)^2$		$(x-6)^2$	$x^2 - 12x + \text{■}$		$x^2 - \text{■}$	$(x+4)(x-4)$	
7	$(2x+4)^2$	$\text{■} + 16x + 16$		$(\text{■} - 1)^2$	$16x^2 - 8x + 1$		$\text{■} + 12x + 9$	$(2x+3)^2$	
8	$9 - \text{■}$	$(3-x)(3+x)$		$4x^2 - 4x + 1$	$(\text{■} - 1)^2$		$(3-x)(3+x)$	$9 - \text{■}$	
9	$16x^2 + \text{■} + 1$	$(4x+1)^2$		$(2x+3)^2$	$4x^2 + \text{■} + 9$		$(2x-2)^2$	$\text{■} - 8x + 4$	
10	$(6-x)(6+x)$	$36 - \text{■}$		$\text{■} - x^2$	$(5-x)(5+x)$		$\text{■} - 20x + 25$	$(2x-5)^2$	
11	$(\text{■} - 5)^2$	$4x^2 - 20x + 25$		$4x^2 + \text{■} + 25$	$(2x+5)^2$		$(2x+1)^2$	$\text{■} + 4x + 1$	
12	$4x^2 - 8x + \text{■}$	$(2x-2)^2$		$(4-x)(4+x)$	$16 - \text{■}$		$\text{■} - x^2$	$(1-x)(1+x)$	
13	$(\text{■} + 2)^2$	$16x^2 + 16x + 4$		$(\text{■} + 4)(3x-4)$	$9x^2 - 16$		$16x^2 + 16x + \text{■}$	$(4x+2)^2$	
14	$9x^2 - 1$	$(\text{■} + 1)(3x-1)$		$\text{■} - 24x + 16$	$(3x-4)^2$		$(\text{■} - 1)^2$	$25x^2 - 10x + 1$	
15	$9x^2 + \text{■} + 9$	$(3x+3)^2$		$(\text{■} + 2)^2$	$9x^2 + 12x + 4$		$(3x+1)(3x-1)$	$9x^2 - \text{■}$	
16	$(\text{■} - 1)^2$	$9x^2 - 6x + 1$		$4x^2 - \text{■}$	$(2x+1)(2x-1)$		$9x^2 - 12x + 4$	$(\text{■} - 2)^2$	
17	$(2x+2)(2x-2)$	$\text{■} - 4$		$\text{■} + 10x + 1$	$(5x+1)^2$		$(3x + \text{■})^2$	$9x^2 + 24x + 16$	

	D			E			F		
1	$x^2 - 6x + \blacksquare$	$(x-3)^2$		$(x-4)^2$	$x^2 - \blacksquare + 16$		$x^2 - \blacksquare$	$(x+6)(x-6)$	
2	$(\blacksquare + 2)^2$	$x^2 + 4x + 4$		$(x+1)(x-1)$	$\blacksquare - 1$		$x^2 + 10x + 25$	$(x + \blacksquare)^2$	
3	$\blacksquare - 4$	$(x+2)(x-2)$		$x^2 - 10x + \blacksquare$	$(x-5)^2$		$(x-2)^2$	$x^2 - 4x + \blacksquare$	
4	$x^2 + \blacksquare + 1$	$(x+1)^2$		$(x+4)^2$	$x^2 + \blacksquare + 16$		$(x+3)(x - \blacksquare)$	$x^2 - 9$	
5	$(x-5)^2$	$x^2 - \blacksquare + 25$		$x^2 - \blacksquare$	$(x+3)(x-3)$		$x^2 - 2x + \blacksquare$	$(x-1)^2$	
6	$(x+6)(x-6)$	$x^2 - \blacksquare$		$x^2 + 6x + 9$	$(\blacksquare + 3)^2$		$(x+6)^2$	$x^2 + \blacksquare + 36$	
7	$4x^2 - 12x + 9$	$(\blacksquare - 3)^2$		$(2-x)(2+x)$	$\blacksquare - x^2$		$4 - x^2$	$(2-x)(2 + \blacksquare)$	
8	$(2x + \blacksquare)^2$	$4x^2 + 20x + 25$		$(2x-1)^2$	$\blacksquare - 4x + 1$		$4x^2 + 8x + 4$	$(\blacksquare + 2)^2$	
9	$16 - x^2$	$(4-x)(\blacksquare + x)$		$16x^2 - 8x + 1$	$(\blacksquare - 1)^2$		$(1 - \blacksquare)(1+x)$	$1 - x^2$	
10	$\blacksquare + 4x + 1$	$(2x+1)^2$		$(\blacksquare + 2)^2$	$4x^2 + 8x + 4$		$(\blacksquare - 3)^2$	$4x^2 - 12x + 9$	
11	$(5-x)(5+x)$	$\blacksquare - x^2$		$\blacksquare - x^2$	$(6-x)(6+x)$		$4x^2 - 16x + \blacksquare$	$(2x-4)^2$	
12	$(2x - \blacksquare)^2$	$4x^2 - 16x + 16$		$4x^2 + \blacksquare + 16$	$(2x+4)^2$		$(4x+1)^2$	$4x^2 + \blacksquare + 1$	
13	$25x^2 - 10x + 1$	$(\blacksquare - 1)^2$		$(3x-4)^2$	$9x^2 - 24x + \blacksquare$		$\blacksquare - 4$	$(3x+2)(3x-2)$	
14	$(3x+1)^2$	$9x^2 + \blacksquare + 1$		$(3x+2)(\blacksquare - 2)$	$9x^2 - 4$		$9x^2 + \blacksquare + 16$	$(3x+4)^2$	
15	$\blacksquare - 16$	$(3x+4)(3x-4)$		$9x^2 - \blacksquare + 1$	$(3x-1)^2$		$(4x-2)^2$	$16x^2 - \blacksquare + 4$	
16	$9x^2 + 12x + \blacksquare$	$(3x+2)^2$		$(3x+3)^2$	$9x^2 + 18x + \blacksquare$		$(2x+3)(\blacksquare - 3)$	$4x^2 - 9$	
17	$(\blacksquare - 2)^2$	$9x^2 - 12x + 4$		$\blacksquare - 4$	$(2x+2)(2x-2)$		$9x^2 - \blacksquare + 9$	$(3x-3)^2$	