

CÁLCULO MENTAL 10: POTENCIAS DE MONOMIOS

	A		B		C	
1	$(2x)^2 = 4x^2$		$(-6x)^2 = 36x^2$		$(2x^{10})^2 = 4x^{20}$	
2	$(-3x)^2 = 9x^2$		$(8x)^2 = 64x^2$		$(-3x^2)^3 = -27x^6$	
3	$(5x^3)^2 = 25x^6$		$(-3x^3)^2 = 9x^6$		$(-5x^3)^2 = 25x^6$	
4	$(-2x)^3 = -8x^3$		$(-5x)^2 = 25x^2$		$(-4x^6)^3 = -64x^{18}$	
5	$(4x^5)^2 = 16x^{10}$		$(2x^7)^2 = 4x^{14}$		$(3x^5)^2 = 9x^{10}$	
6	$(-2x^2)^4 = 16x^8$		$(-4x^4)^2 = 16x^8$		$(-2x^3)^2 = 4x^6$	
7	$(-7x)^2 = 49x^2$		$(-4x)^3 = -64x^3$		$(-7x^3)^2 = 49x^6$	
8	$(-3x)^3 = -27x^3$		$(x^2)^3 = x^6$		$(-6x)^2 = 36x^2$	
9	$(3x)^4 = 81x^4$		$(5x)^2 = 25x^2$		$(-6x^3)^2 = 36x^6$	
10	$(-4x)^2 = 16x^2$		$(3x)^2 = 9x^2$		$(2x^4)^2 = 4x^8$	
11	$(-2x^2)^3 = -8x^6$		$(x^4)^2 = x^8$		$(-5x^8)^2 = 25x^{16}$	
12	$(4x)^3 = 64x^3$		$(-9x)^2 = 81x^2$		$(-2x^5)^3 = -8x^{15}$	
13	$(3x^5)^3 = 27x^{15}$		$(2x^5)^2 = 4x^{10}$		$(4x^{10})^2 = 16x^{20}$	
14	$(-3x^4)^2 = 9x^8$		$(-2x^3)^4 = 16x^{12}$		$(-3x^2)^3 = -27x^6$	
15	$(10x)^2 = 100x^2$		$(-7x^5)^2 = 49x^{10}$		$(-6x^3)^2 = 36x^6$	
16	$(-3x)^3 = -27x^3$		$(-3x^5)^3 = -27x^{15}$		$(-5x^4)^3 = -125x^{12}$	
17	$(-2x)^4 = 16x^4$		$(-2x^7)^2 = 4x^{14}$		$(9x^3)^2 = 81x^6$	

	D		E		F	
1	$(2x)^2 = 4x^{\text{red}}$		$(-6x)^2 = \text{blue } x^2$		$(2x^{10})^2 = \text{blue } x^{20}$	
2	$(-3x)^2 = \text{blue } x^2$		$(8x)^2 = \text{blue } x^2$		$(-3x^2)^3 = -27x^{\text{red}}$	
3	$(5x^3)^2 = \text{blue } x^6$		$(-3x^3)^2 = 9x^{\text{red}}$		$(-5x^3)^2 = \text{blue } x^6$	
4	$(-2x)^3 = -8x^{\text{red}}$		$(-5x)^2 = \text{blue } x^2$		$(-4x^6)^3 = \text{blue } x^{18}$	
5	$(4x^5)^2 = \text{blue } x^{10}$		$(2x^7)^2 = 4x^{\text{red}}$		$(3x^5)^2 = 9x^{\text{red}}$	
6	$(-2x^2)^4 = 16x^{\text{red}}$		$(-4x^4)^2 = \text{blue } x^8$		$(-2x^3)^2 = \text{blue } x^6$	
7	$(-7x)^2 = \text{blue } x^2$		$(-4x)^3 = -64x^{\text{red}}$		$(-7x^3)^2 = \text{blue } x^6$	
8	$(-3x)^3 = \text{blue } x^3$		$(x^2)^3 = \text{blue } x^6$		$(-6x)^2 = 36x^{\text{red}}$	
9	$(3x)^4 = 81x^{\text{red}}$		$(5x)^2 = 25x^{\text{red}}$		$(-6x^3)^2 = \text{blue } x^6$	
10	$(-4x)^2 = \text{blue } x^2$		$(3x)^2 = \text{blue } x^2$		$(2x^4)^2 = \text{blue } x^8$	
11	$(-2x^2)^3 = -8x^{\text{red}}$		$(x^4)^2 = x^{\text{red}}$		$(-5x^8)^2 = 25x^{\text{red}}$	
12	$(4x)^3 = \text{blue } x^3$		$(-9x)^2 = \text{blue } x^2$		$(-2x^5)^3 = \text{blue } x^{15}$	
13	$(3x^5)^3 = 27x^{\text{red}}$		$(2x^5)^2 = \text{blue } x^{10}$		$(4x^{10})^2 = 16x^{20}$	
14	$(-3x^4)^2 = 9x^{\text{red}}$		$(-2x^3)^4 = 16x^{\text{red}}$		$(-3x^2)^3 = \text{blue } x^6$	
15	$(10x)^2 = \text{blue } x^2$		$(-7x^5)^2 = \text{blue } x^{10}$		$(-6x^3)^2 = 36x^{\text{red}}$	
16	$(-3x)^3 = \text{blue } x^3$		$(-3x^5)^3 = \text{blue } x^{15}$		$(-5x^4)^3 = \text{blue } x^{12}$	
17	$(-2x)^4 = 16x^{\text{red}}$		$(-2x^7)^2 = 4x^{\text{red}}$		$(9x^3)^2 = 81x^{\text{red}}$	