

CÁLCULO MENTAL

Propiedades de las potencias
Calcula el valor de x y escríbelo en la casilla en blanco.

	A		B	
1	$3^8 : 3^2 = 3^x$		$3^x \cdot 3^2 = 3^{11}$	
2	$7^x \cdot 7^2 = 7^5$		$2^9 : 2^5 = 2^x$	
3	$(5^2)^3 = 5^x$		$x^4 \cdot 5^4 = 10^4$	
4	$2^3 \cdot 5^3 = x^3$		$(3^2)^x = 3^{14}$	
5	$4^2 \cdot 4^3 = 4^x$		$5^0 = x$	
6	$\frac{5^x}{5^2} = 5^6$		$7^2 \cdot 7^4 = 7^x$	
7	$7^0 = x$		$\frac{6^x}{6^3} = 6^2$	
8	$x^5 \cdot 2^5 = 6^5$		$(6^4)^2 = 6^x$	
9	$(7^2)^x = 7^6$		$2^2 \cdot 6^2 = x^2$	
10	$5 \cdot 5^8 = 5^x$		$6^2 \cdot 6 = 6^x$	
11	$3^4 \cdot 3^2 = 3^x$		$7^6 : 7^x = 7^2$	
12	$4^7 : 4^x = 4^2$		$(4^x)^3 = 4^6$	
13	$(3^2)^x = 1$		$\frac{3^4}{3^4} = x$	
14	$(6^x)^2 = 6^2$		$8^3 \cdot 2^3 = x^3$	
15	$8^2 \cdot 3^2 = x^2$		$(2^3)^x = 1$	
16	$\frac{2^7}{2} = 2^x$		$3^5 \cdot 3^4 = 3^x$	
17	$3^4 \cdot 3^x = 3^5$		$5^6 : 5 = 5^x$	
18	$(2^3)^4 = 2^x$		$5^6 \cdot x^6 = 10^6$	
19	$\frac{5^3}{5^3} = x$		$(5^5)^3 = 5^x$	
20	$4^4 \cdot x^4 = 8^4$		$2^3 \cdot 2^x = 2^4$	