

PRODUCTOS NOTABLES (EJERCICIOS 4)

Complete la tabla siguiente:

	Factorizado	=	Desarrollado
1.	$(f + 4)(f - 4)$	=	
2.	$(c + 7)(c - 7)$	=	
3.	$(x + 5y)(x - 5y)$	=	
4.	$(p + 2q)(p - 2q)$	=	
5.	$(4t + 6w)(4t - 6w)$	=	
6.	$(w^3 + z)(w^3 - z)$	=	
7.	$(f + 2g^4)(f - 2g^4)$	=	
8.	$(0,4p^2 + q^3)(0,4p^2 - q^3)$	=	
9.	$(3p + 5q^2r^3)(3p - 5q^2r^3)$	=	
10.	$\left(\frac{u}{3} + \frac{2v}{5}\right)\left(\frac{u}{3} - \frac{2v}{5}\right)$	=	
11.	$\left(\frac{3}{4}j^2 + \frac{2}{7}k^3\right)\left(\frac{3}{4}j^2 - \frac{2}{7}k^3\right)$	=	
12.	$(m^4 + n^5)(m^4 - n^5)$	=	
13.	$(4u^3 + 2v^4)(4u^3 - 2v^4)$	=	
14.	$(rs + 4t)(rs - 4t)$	=	
15.	$(2x^4y^3 + 4z)(2x^4y^3 - 4z)$	=	

RESPUESTAS

	Factorizado	=	Desarrollado
1.	$(f + 4)(f - 4)$	=	$f^2 - 16$
2.	$(c + 7)(c - 7)$	=	$c^2 - 49$
3.	$(x + 5y)(x - 5y)$	=	$x^2 - 25y^2$
4.	$(p + 2q)(p - 2q)$	=	$p^2 - 4q^2$
5.	$(4t + 6w)(4t - 6w)$	=	$16t^2 - 36w^2$
6.	$(w^3 + z)(w^3 - z)$	=	$w^6 - z^2$
7.	$(f + 2g^4)(f - 2g^4)$	=	$f^2 - 4g^8$
8.	$(0,4p^2 + q^3)(0,4p^2 - q^3)$	=	$0,16p^4 - q^6$
9.	$(3p + 5q^2r^3)(3p - 5q^2r^3)$	=	$9p^2 - 25q^4r^6$
10.	$\left(\frac{u}{3} + \frac{2v}{5}\right)\left(\frac{u}{3} - \frac{2v}{5}\right)$	=	$\frac{u^2}{9} - \frac{4v^2}{25}$
11.	$\left(\frac{3}{4}j^2 + \frac{2}{7}k^3\right)\left(\frac{3}{4}j^2 - \frac{2}{7}k^3\right)$	=	$\frac{9}{16}j^4 - \frac{4}{49}k^6$
12.	$(m^4 + n^5)(m^4 - n^5)$	=	$m^8 - n^{10}$
13.	$(4u^3 + 2v^4)(4u^3 - 2v^4)$	=	$16u^6 - 4v^8$
14.	$(rs + 4t)(rs - 4t)$	=	$r^2s^2 - 16t^2$
15.	$(2x^4y^3 + 4z)(2x^4y^3 - 4z)$	=	$4x^8y^6 - 16z^2$