

PRODUCTOS NOTABLES (EJERCICIOS 6)

Complete las tablas siguientes:

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

$x^2 - y^2$	$x + y$	$x - y$
28	7	
	3	5
36		9
40	5	
91		7
	6	9

RESPUESTAS

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

$x^2 - y^2$	$x + y$	$x - y$
28	7	4
15	3	5
36	4	9
40	5	8
91	13	7
54	6	9