

PRODUCTOS NOTABLES (EJERCICIOS 5)

Complete la tabla siguiente:

	Desarrollado	=	Factorizado
1.	$a^2 + 3a + 2$	=	
2.	$b^2 + 13b + 22$	=	
3.	$c^2 - 7c + 12$	=	
4.	$d^2 - 15d + 56$	=	
5.	$e^2 + 4e - 12$	=	
6.	$f^2 + 2f - 35$	=	
7.	$g^2 - g - 30$	=	
8.	$h^2 - 3h - 28$	=	
9.	$c^2 + 6c + 9$	=	
10.	$p^2 + 12p + 36$	=	
11.	$d^2 - 10d + 25$	=	
12.	$q^2 - 16q + 64$	=	
13.	$a^2 + 6ab + 9b^2$	=	
14.	$16a^2 - 8ab + b^2$	=	
15.	$a^2b^2 + 2abc + c^2$	=	
16.	$m^2 - 6mn + 9n^2$	=	
17.	$u^4 + 2u^2v^3 + v^6$	=	
18.	$x^8 - 2x^4y^2 + y^4$	=	
19.	$9r^2 + 12rs + 4s^2$	=	
20.	$25u^2 - 30uv + 9v^2$	=	

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RESPUESTAS

	Desarrollado	=	Factorizado
1.	$a^2 + 3a + 2$	=	$(a + 2)(a + 1)$
2.	$b^2 + 13b + 22$	=	$(b + 2)(b + 11)$
3.	$c^2 - 7c + 12$	=	$(c - 3)(c - 4)$
4.	$d^2 - 15d + 56$	=	$(d - 7)(d - 8)$
5.	$e^2 + 4e - 12$	=	$(e + 6)(e - 2)$
6.	$f^2 + 2f - 35$	=	$(f + 7)(f - 5)$
7.	$g^2 - g - 30$	=	$(g + 5)(g - 6)$
8.	$h^2 - 3h - 28$	=	$(h + 4)(h - 7)$
9.	$c^2 + 6c + 9$	=	$(c + 3)^2$
10.	$p^2 + 12p + 36$	=	$(p + 6)^2$
11.	$d^2 - 10d + 25$	=	$(d - 5)^2$
12.	$q^2 - 16q + 64$	=	$(q - 8)^2$
13.	$a^2 + 6ab + 9b^2$	=	$(a + 3b)^2$
14.	$16a^2 - 8ab + b^2$	=	$(4a - b)^2$
15.	$a^2b^2 + 2abc + c^2$	=	$(ab + c)^2$
16.	$m^2 - 6mn + 9n^2$	=	$(m - 3n)^2$
17.	$u^4 + 2u^2v^3 + v^6$	=	$(u^2 + v^3)^2$
18.	$x^8 - 2x^4y^2 + y^4$	=	$(x^4 - y^2)^2$
19.	$9r^2 + 12rs + 4s^2$	=	$(3r + 2s)^2$
20.	$25u^2 - 30uv + 9v^2$	=	$(5u - 3v)^2$