31)(x^2+4)^2-16x^2=(x^2+4-4x)(x^2+4+4x)=(x-2)^2*(x+2)^2=(x2-4)2  
2)(a^2+9)^2-36a^2=(a^2+9-6a)(a^2+9+6a)=(a-3)^2*(a+3)^2=(a2-9)2  
3)(a^2+c^4)^2-4a^2c^4=(a^2+c^4-2ac^2)(a^2+c^4+2ac^2)=(a-c^2)^2*(a+c^2)^2=(a2-c4)2  
4)(4m^4+n^2)^2-16m^4c^2=(4m^4+n^2-4m^2c)(4m^4+n^2+4m^2c)=(2m^2-n)^2*(2m^2+n)^2=(4m4-n2)2  
4  
1)(a+b)^2-1=(a+b-1)(a+b+1)  
2)(x-y)^2-4=(x-y-2)(x-y+2)  
3)(2m-5n)^2-36=(2m-5n-6)(2m-5n+6)  
4)(4a+3b)^2-25=(4a+3b-5)(4a+3b+5)