а) $(x-1)(x^2+x+1)-(1+x)(1-x+x^2)$;
б) $(a^2-3)(a^4+3a^2+9)+a^4(1-a)(1+a)$;
в) $2p^2(2-p)(p^2+2p+4)-4(p-5)(5+p)$;
г) $n^5(2+n^2)(n^2-2)-(m-n^3)(m^2+mn^3+n^6)$.

1)x^3-1-(1+x^3)=x^3-1-1-x^3=x^3-x^3-1-1=x^3(1-1)-1-1=x^3*0 - 1-1 =-1-1 =-2
2)a^6-27+a^4(1-a^2)=a^6-27+a^4-a^6=a^6-27+a^4-a^6=-27+a^4
3)2p^2(8-p^3)-4(p^2-25)=16p^2-2p^5-4p^2+100=p^2(16-4)-2p^5+100=12p^2-2p^5+100
4)n^5(n^4-4)-(m^3-n^9)=n^9-4n^5-m^3+n^9=-4n^5-m^3