Semana 12 Lección 3

① $(a^2-b^3)^5 = a^{10} - 5a^8b^3 + 10a^6b^6 - 10a^4b^9 + 5a^2b^{12} - b^{15}$

② $(m^3+2n^4)^7 = m^{21} + 14m^{18}n^4 + 84m^{15}n^8 + 280m^{12}n^{12} + 560m^9n^{16} + 672m^6 n^{20} + 448m^3n^{24} + 128n^{28}$

③ $(3x-2y)^4 = 81x^4 - 216x^3y + 216x^2y^2 - 96xy^3 + 16y^4$

④ $(5m-2n)^5 = 3125m^5 - 6250m^4n + 5000m^3n^2 - 2000m^2n^3 + 400mn^4 - 32n^5$.

⑤ $(2x^3-3y^4)^6 = 64x^{18} - 576x^{15}y^4 + 2160x^{12}y^8 - 4320x^9y^{12} + 4860x^6y^{16} - 2916x^3y^{20} + 729y^{24}$