**a3+3a3b+3ab2+b3**

1. (x + 1)3 = x3+3x2+3x+1
2. (x – 1)3 = x3-3x2+3x+1
3. (5 + 4)3 = 125+300+240+64=729
4. (3x + 2)3 =27x3+54x2+36x+8
5. (2a + 7b)3 = 8a3+84a2b+294ab2+343b3
6. (x – y)3 = x3-3x2y+3xy2+y3
7. (x2 – 7x)3 = x6-21x5+148x4+343x3
8. (a + 3)3 = a3+9a2+27ª+27
9. (P – Q)3 = P3-3P2Q+3PQ2+Q3
10. – (2x + 3y)3 = - (8x3+18x2y+54xy2+9y3) = -8x3-36x2y-54xy2-27y3