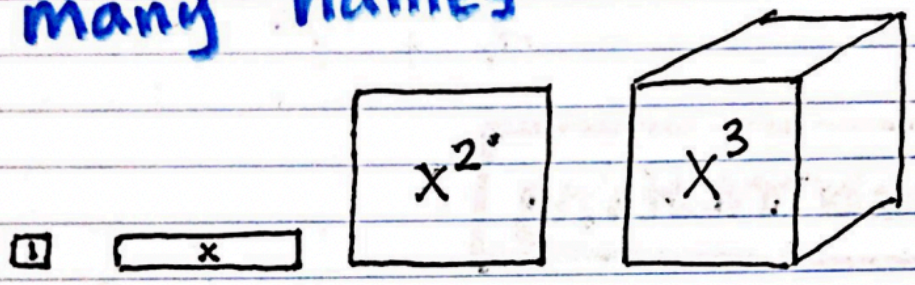
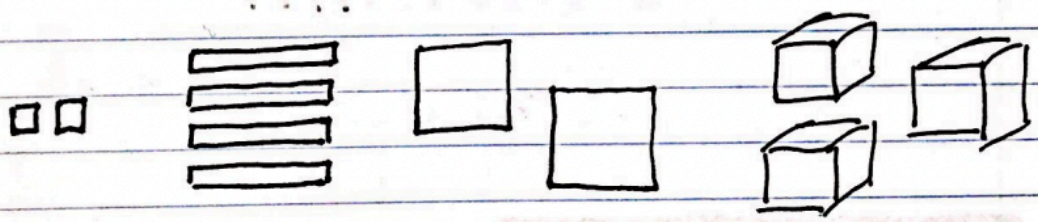
Polynomials

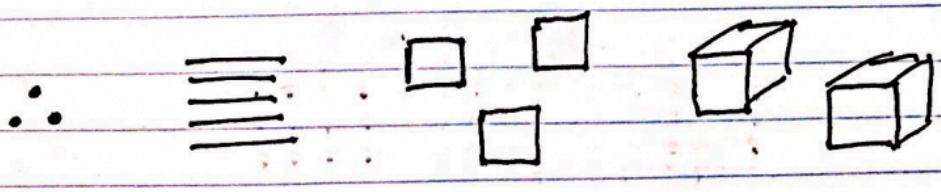
many names



$1 + x + x^2 + x^3$



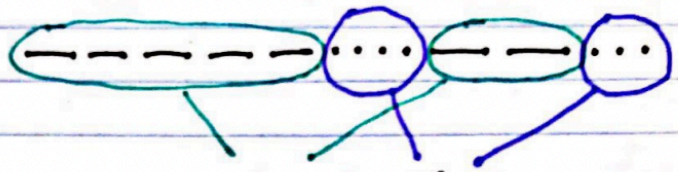
$2 + 4x + 2x^2 + 3x^3$



$3 + 5x + 3x^2 + 2x^3$

Adding

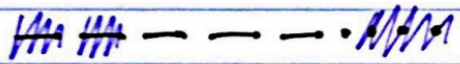
$(5x+4)+(2x+3)$



$7x + 7$

Subtracting

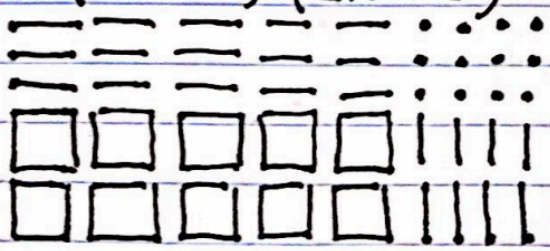
$(5x+4)-(2x+3)$



$3x + 1$

Multiplying

$(5x+4)\cdot(2x+3)$



$10x^2 + 15x + 8x + 12$

$10x^2 + 23x + 12$