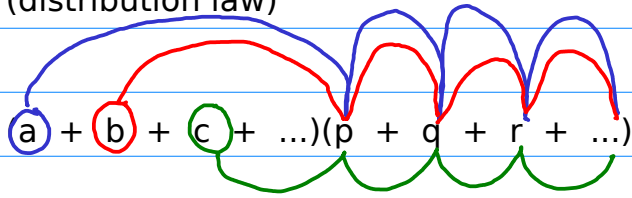


Multiplying expressions (distribution law)

Remember: BOUNCE!



Example: $(2x - 3)(x^2 - 4x + 6)$

$$= (2x)(x^2) + (2x)(-4x) + (2x)(6) + (-3)(x^2) + (-3)(-4x) + (-3)(6)$$

$$= 2x^3 - 8x^2 + 12x - 3x^2 + 12x - 18$$

$$= 2x^3 - 11x^2 + 24x - 18$$