Factoring Trinomials
w/ leading coefficient of 1

a) \((x+2)(x+3) = x^2+5x+6\)

b) \((x-2)(x-3) = x^2-5x+6\)

c) \((x+2)(x-3) = x^2-x-6\)

d) \((x-2)(x+3) = x^2+x-6\)

What patterns do you see?

a) factors of 6 w/ sum 5
b) factors of 6 w/ sum 5
c) factors of 6 w/ diff 1
d) factors of 6 w/ diff 1