

$$(x+2)(x+3)(x-3) \rightarrow x^3 + 2x^2 - 9x - 18$$

Degree: 3

Leading Coefficient: 1

Leading Term: x^3

Constant: -18

	x 2			x^2 $5x$ 6		
x	x^2	$2x$	x	x^3	$5x^2$	$6x$
3	$3x$	6	-3	$-3x^2$	$-15x$	-18

$$(x-1)(x^2-4x+5) \rightarrow x^3 - 5x^2 + 9x - 5$$

Degree: 3

Leading Coefficient: 1

Leading Term: x^3

Constant: -5

	x^2 $-4x$ 5		
x	x^3	$-4x^2$	$5x$
-1	$-x^2$	$4x$	-5

$$(2x+3)(x-2) \rightarrow 2x^2 - x - 6$$

Degree: 2

Leading Coefficient: 2

Leading Term: $2x^2$

Constant: -6