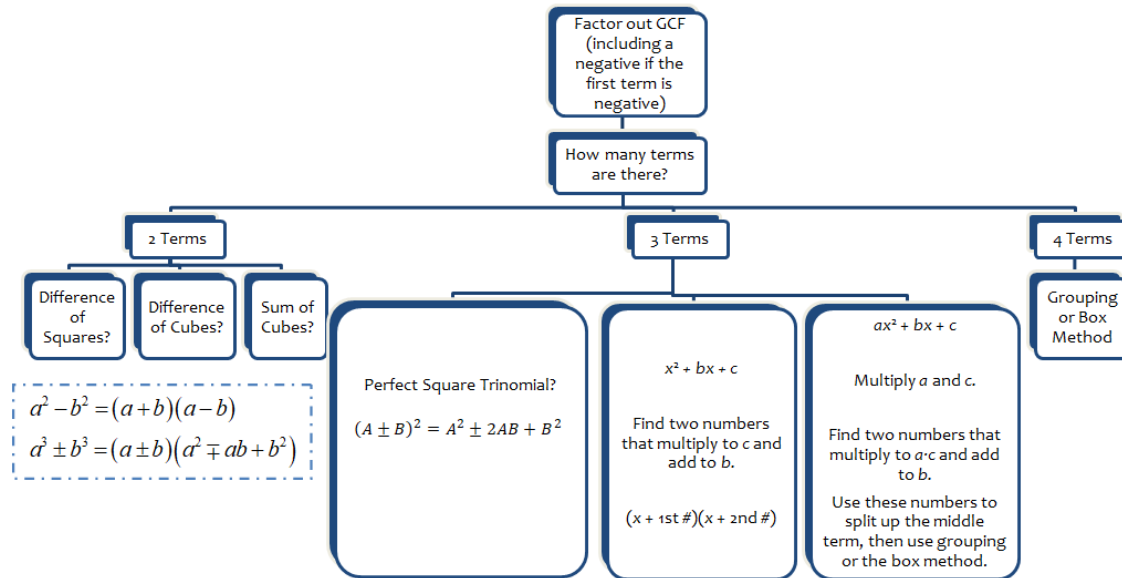
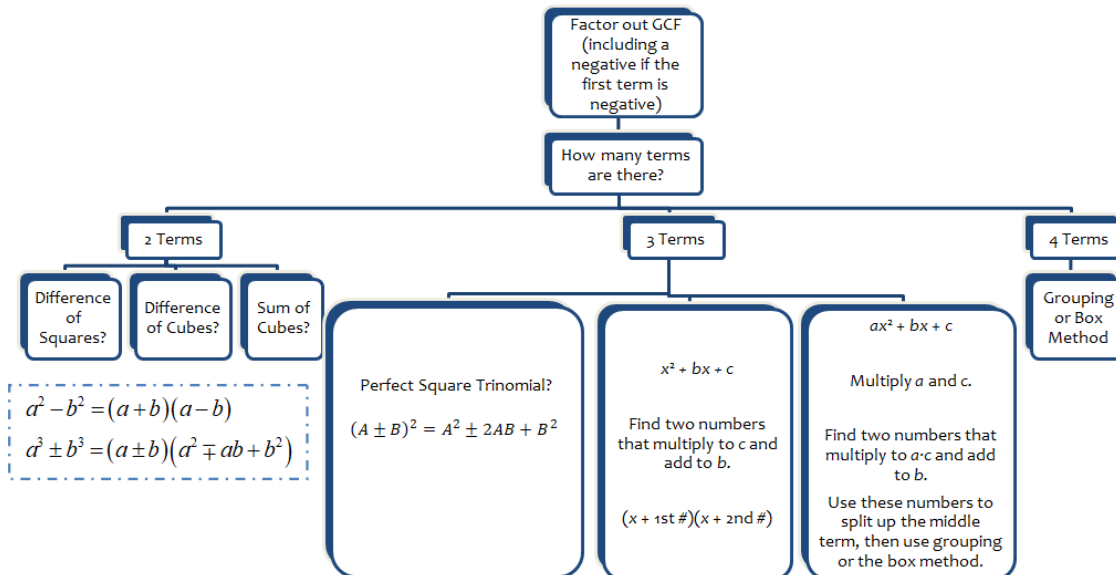


Factoring Polynomials



Natural Numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Perfect Squares	1	4	9	16	25	36	49	64	81	100	121	144	169	196	225
Perfect Cubes	1	8	27	64	125	216	343	512	729	1000					

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Examples:

GCF

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Trinomial with $a=1$ (first term is just x^2).

$$x^2 - 7x + 12$$

Difference of Squares

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$$6x^3 + 3x^2 + 10x + 5$$

Trinomial $a>1$ (there is a number in front of the x^2).

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Cubes (Sum or Difference)

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