FM2 - Unit 3 Factoring

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1.	**Binomial**	A polynomial with two terms.
2.	**Degree of a Monomial**	The sum of the exponents of all its variables. Example: $-4x^3y^2$ is a monomial of degree 5.
3.	**Degree of a Polynomial**	The highest exponent value in the polynomial.
4.	**Difference of Two Squares**	A squared (multiplied by itself) number subtracted from another squared number. It refers to the identity $a^2 - b^2 = (a + b)(a - b)$.
5.	**Factoring by Grouping**	A method of factoring that uses the Distributive Property to remove a common binomial factor of two pairs of terms.
6.	**Monomial**	A number, a variable, or a product of a number and one or more variables.
7.	**Perfect-Square Trinomial**	$a^2+2ab+b^2$ factored is $(a+b)^2$ $a^2-2ab+b^2$ factored is $(a-b)^2$
8.	**Polynomial**	A monomial or a sum of monomials.
9.	**Standard Form of a Polynomial**	The form of a polynomial that places the terms in descending order by degree.
10.	**Trinomial**	A polynomial with three terms.