Polynomials

Definiton: an expression constructed of variables and constants using addition, subtraction, and multiplication

> *Exponents must be whole numbers *No division by a variable



1. Which of the following expressions are polynomials? [Circle your choices.]



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- DEGREE: Based on the exponents of the variables.
 The <u>degree of a MONOMIAL</u>: each the sum of the exponents of the variables in the monomial
 - The degree of a POLYNOMIAL:

the highest degree of any monomial term in the polynomial Examples: Find the degree of each polynomial.





