

NAME: _____ DATE: _____

GRADE 9 SECTION: _____

MATH ACTIVITY

A. Determine whether the following expressions are polynomials or not. If polynomial, state the degree. Leading coefficient and number of terms of each polynomial.

GIVEN	DEGREE	LEADING COEFFICIENT	NUMBER OF TERMS
$2a^3 + 3a^4 + 18a + a^5 - 9$			
$\sqrt{3a^2} - 3a + 1$			
$3a^3 - a^{-2} + 2a - 1$			
$\frac{1}{a^2} - 3a^3 + 4a - 3$			
$x^2 - 9$			
$11x + 10x^2 + 3$			
$y^4 - 2y^3 - 13y^2 + 16y + 24$			
$30 + y^3 + y - 6y^2$			
$17a - 11a^2 - 25 + 2a^3$			
-3			