

# M9 - 5.1 - Algebraic Expressions HW

State the Coefficient and the Degree of the term.

$-2x^2$

$-3x^2y$

$5x$

$2$

$-3xy^2z$

$\sqrt{5}x$

$2^{-4}xy$

$1xy$

Coefficient:

Degree:

State the degree of the Polynomial, the Leading Term and the Leading Coefficient.

$5x - 3x^2$

$x^3 + 4x^2$

$xy - 2xy^2 + 4$

Degree:

Leading Term:

Leading Coefficient:

Circle the following polynomials and state the type or state why not.

$2x + 5$

$2x^{-2}$

$x^2 - 2x + 1$

$\sqrt{3x} + 9$

$5x^2y + \frac{3}{x}$

$6$

$\sqrt{5}x + 3$

$e^{x^2}$

$6x + 2$

$x^3 + 3x^2 - 2x + 1$

$y = \log x + 2$

$0$