

Name:

Section 5.1a – Proficiency Check – Polynomial Basics

What is the degree of the following terms

$2xy^2z^3$	5	x^4y^2	$3^2x^3y^4$
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Put the following in Descending Order

$2x - 3x^2 + 7$	$4xy + 3x^2 - 4y^2$
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Evaluate the following Polynomials at $x = -3$

$2x^2 + 3x - 4$	$-3x^3 + 5x^2 - 5x + 12$
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Multiply the following, leave answers in descending order

$5x(4 + 5y - 3x)$	$x^2y(xy - xy^2 + y - x + x^2y)$
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