



Polynomial Worksheet 3

Determine the degree of each of the following polynomials.

<u>Polynomials</u>	<u>Degree</u>	<u>Polynomials</u>	<u>Degree</u>
$x^3 + x^2 - x - 1$	_____	$(\sqrt[3]{x})^6 - (\sqrt[4]{x})^{12}$	_____
$20x^2 - 3x - 19$	_____	$(x^2)^3 - 4$	_____
$\frac{20x^2 - 3x}{x}$	_____	$\left(x^{\frac{2}{3}}\right)^{27} + x^4$	_____
$\frac{-5x^2 - 3x^3}{2x}$	_____	$y\sqrt[3]{y^6} - 4y^4$	_____
$\frac{4x - 28x^2 + 3x^3}{2x}$	_____	$7t^3 - 3t^2 - (-t)^4$	_____
$y^2(y - y^2)$	_____	$5t - 2$	_____
$y^{-2}(y^5 - y^2)$	_____	$\frac{45x^{90} - 34x^{30}}{(x^3)^3}$	_____
$t^{-4}(t^{10} - t^6)$	_____		
$(3x - 2)(2x^3 + 3x^2)$	_____		
$\left(\frac{1}{x} - 2x^2\right)(21x + 37x^2)$	_____		
-8	_____		
$(5x^2 - 2x^4)x^4$	_____		
0	_____		