

## Characteristic Of Polynomial Functions

$f(x) = x^3 - 4x^2 + 5$ <table border="1" data-bbox="128 265 716 608"> <tr> <td>Degree:</td><td></td></tr> <tr> <td>Sign Of Leading Coeffiecient:</td><td></td></tr> <tr> <td>End Behavior:</td><td><math>X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math>  <math>X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math></td></tr> <tr> <td># turning points:</td><td>at most: _____</td></tr> </table>	Degree:		Sign Of Leading Coeffiecient:		End Behavior:	$X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty$ $X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty$	# turning points:	at most: _____	<b>Graph</b>	
Degree:										
Sign Of Leading Coeffiecient:										
End Behavior:	$X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty$ $X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty$									
# turning points:	at most: _____									
$g(x) = -x^5 + 4x^3 - 4x$ <table border="1" data-bbox="128 878 716 1221"> <tr> <td>Degree:</td><td></td></tr> <tr> <td>Sign Of Leading Coeffiecient:</td><td></td></tr> <tr> <td>End Behavior:</td><td><math>X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math>  <math>X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math></td></tr> <tr> <td># turning points:</td><td>at most: _____</td></tr> </table>	Degree:		Sign Of Leading Coeffiecient:		End Behavior:	$X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty$ $X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty$	# turning points:	at most: _____	<b>Graph</b>	
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$h(x) = -x^2(x - 2)(x + 2) + 5$ <table border="1" data-bbox="128 1439 716 1805"> <tr> <td>Degree:</td><td></td></tr> <tr> <td>Sign Of Leading Coeffiecient:</td><td></td></tr> <tr> <td>End Behavior:</td><td><math>X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math>  <math>X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty</math></td></tr> <tr> <td># turning points:</td><td>at most: _____</td></tr> </table>	Degree:		Sign Of Leading Coeffiecient:		End Behavior:	$X \rightarrow -\infty, y \rightarrow \underline{\hspace{2cm}} \infty$ $X \rightarrow +\infty, y \rightarrow \underline{\hspace{2cm}} \infty$	# turning points:	at most: _____	<b>Graph</b>	
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Move unused graphs here: