

























B. Leading Term					
If the <u>leading coefficient</u> of a p	polynomial is <u>positive</u> , then the polynomial graph will have <u>a 2051 iV</u>				
orientation. Otherwise, the graph will have a negative orientation.					

A look back at the Graphing assignment you did yesterday. Look at the right arrow on one of them.













D. End Behavior

 χ^{\neq} + 2×

An <u>odd</u> degree polynomial has <u>OPPOSITE</u> end behavior (opposite ending y-values) An <u>even</u> degree polynomial has <u>identical</u>end behavior (same ending y-values)











Now go back to <u>one</u> of your graphs and pick out <u>one</u> of your x-intercepts.





Reminder:

Be sure you can use your graphing calculator to find an x-intercept....

Many polynomials in standard form make it hard to identify clear x-intercepts and your calculator can at least find an appoximate one for you. In this case, you would be expected to use the "zero" function to find them.



















Notes on 8.1.2



$$\frac{3 \cdot x}{x} \frac{(x+1)}{1} + \frac{2 \cdot x}{x+1} \frac{(x+1)}{1} = \frac{(x+1)}{1}$$
$$3(x+1) + 2x = 6x(x+1)$$



83	Curved a bit	95)	





