	Alg 2A HWK #26 Spring 1. Use this polynomial: $y = x^3 + x^2 - 5x + x^2 + x^$	1	Name:		
nec	Graph this polynomial in a standard window essary. Sketch the graph.	to find the following, if a	ny. Round	d to the nearest hundredth where	
	a. State Absolute Maximums and Minimum	ıs.		Sketch of Graph:	
	Max:	Min:			
	b. State Relative Maximums and Minimum	tate Relative Maximums and Minimums.			
	Max:	Min:			
	c. State Zeros:				
	Zeros:				
2. Use this polynomial: $y = x^4 + x^3 - 6x^2 + 9$ Graph this polynomial in a standard window to find the following, if any. Round to the nearest hundredth where necessary.					
	a. State Absolute Maximums and Minimum	as.		Sketch of Graph:	
	Max:	Min:			
	o. State Relative Maximums and Minimums.				
	Max:	Min:			
	c. State Zeros:				
	Zeros:				

For the remaining problems find ALL zeros (real and imaginary) by factoring. Show your work below each problem. 3. $y = 8x^5 - 50x^3$ 4. $y = x^4 - x^2 - 72$ 5. $y = 3x^4 - 48$

$$3. y = 8x^5 - 50x^3$$

$$4. \qquad y = x^4 - x^2 - 72$$

$$5. y = 3x^4 - 48$$