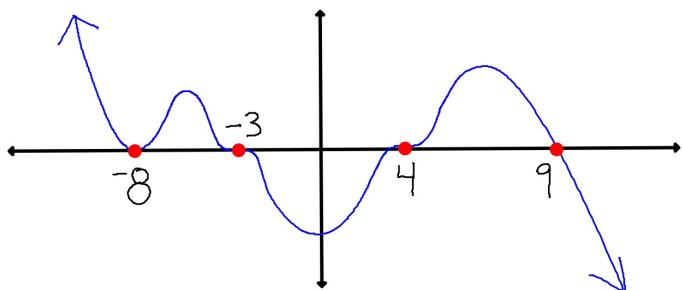
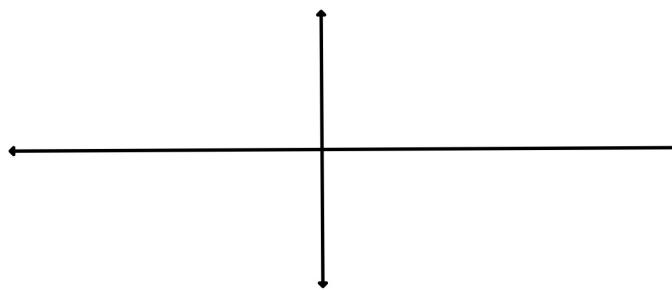


1. Write a possible equation for this polynomial.



2. Graph this polynomial: $y = (x + 1)^3(2 - x)(8 - x)^2(x + 4)(x - 5)$



3. Find all the Absolute Extrema (if any), Relative Extrema (if any), and Zeros (if any) of this function:

$$y = 0.1x^4 + 0.1x^3 - 1.7x^2 - 2.1x + 3.4$$

Absolute Max:

Absolute Min:

Relative Max:

Relative Min:

Zeros: