Lesson 1.6 Objective: SWBAT determine the key features of a polynomial function.

Kickoff

Find the average rate of change of the function,  $f(x) = x^2$ -x between the values x = -1 and x = 3.

$$\frac{\cancel{N}}{\triangle x}$$
  $\frac{\cancel{0}^{-2}}{\cancel{3}^{-(-1)}} \frac{\cancel{4}}{\cancel{4}}$   $m = 1$ 

- Key Features of Polynomiols
- -Increasing
- -Decreasing
- -Zeros
- -Relative minimum and maximum
- -Symmetry



















