

# Examples & Questions

## Examples 1

Q: Why is the order of the terms important when writing a polynomial.

### Examples 2

Q: How does each feature describe the end behavior of the graphs?

### Examples 3

Q: What can be determined from looking at the polynomial function before graphing? Q: How is the table helpful when sketching the graph of a polynomial function? What points are important?

### Examples 4

Q: How do you recognize the zeros of the function from the verbal descriptions? Q: How do these verbal descriptions relate to the degree and leading coefficient of a polynomial function?

### Examples 5

Q: Initially, what can you interpret about the end behavior of the function by looking at the written model?

Q: What is important to consider when real-world context is represented by a polynomial model?

#### Practice and Problem Solving

Complete MathXL for School: Additional Practice (online) Complete MathXL for School: Enrichment (online)

Challenge: #14, 15, 28, 29, 32 – key will be posted in Power School Learning.

Lesson Quiz 2.4