

# **Math Virtual Learning**

# Algebra 2A Polynomial Parent Functions

May 22, 2020



#### Lesson: Sketching Polynomial Parent Functions

#### Learning Target:

LT C2 I can identify key features (zeros, multiplicity, end behavior, y-intercept, local minimums and maximums, turning points, transformations).

#### **Objective:**

Students will be able to identify parts of a graph.

## Warm Up

Solve for s.

1.

s(s+4)=0

Write your answers as integers or as proper or improper fractions in simplest form.

Solve for q.

(q + 5)(q - 6) = 0

Write your answers as integers or as proper or improper fractions in simplest form.

#### Warm Up Answer





Today we are going to graph a polynomial when given an equation in intercept form. If you need to, please review the videos below.

Graphing a Polynomial Function in factored form

Graphing a Polynomial Function in factored form v.2

#### Practice

Use the following link to practice graphing polynomials when in intercept form.

Worksheet 5.2 Graphing Polynomial Functions from Factored Form

Answer Key

## Additional practice

If you would like additional practice, use the link below.

Graphing Polynomials in factored form