



Math Virtual Learning

# College Prep Algebra

May 13, 2020

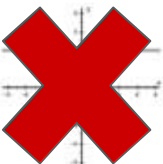
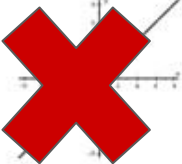
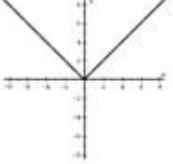
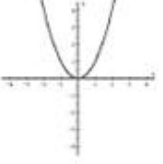
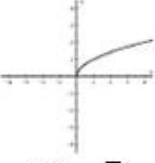
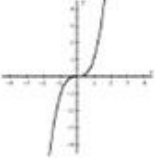
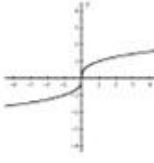
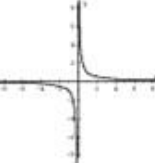
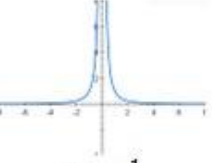
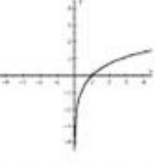
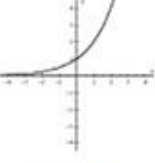
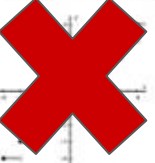


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Lesson: May 13, 2020

**Objective/Learning Target:**

- I can name the parent function from an equation or graph.

# Let's get started:

<p>Constant</p>  <p><math>f(x) = c</math></p>	<p>Linear</p>  <p><math>f(x) = x</math></p>	<p>Absolute Value</p>  <p><math>f(x) =  x </math></p>	<p>Quadratic</p>  <p><math>f(x) = x^2</math></p>
<p>Square Root</p>  <p><math>f(x) = \sqrt{x}</math></p>	<p>Cubic</p>  <p><math>f(x) = x^3</math></p>	<p>Cube Root</p>  <p><math>f(x) = \sqrt[3]{x}</math></p>	<p>Reciprocal/Inverse/ Rational</p>  <p><math>f(x) = \frac{1}{x}</math></p>
<p>Rational</p>  <p><math>f(x) = \frac{1}{x^2}</math></p>	<p>Logarithmic</p>  <p><math>f(x) = \ln(x)</math></p>	<p>Exponential</p>  <p><math>f(x) = e^x</math></p>	<p>Greatest Integer (Step Function)</p>  <p><math>f(x) = [[x]]</math></p>

These are called Parent Functions.

You should be familiar with them from completing Algebra 2.

Use the activity on the next page to familiarize yourself with each function.

**Practice: I can identify a parent function by name, equation, and graph**

[What Parent Functions should I know?](#)

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