

## High School Algebra Playlist: Graphing Polynomials

Aligns with [CCSS.Math.Content.HSF.IF.C.7.c](#): Graph polynomial functions, identifying zeros when suitable factorizations are available, and showing end behavior.

### Related Standards

- [CCSS.Math.Content.HSF.IF.A.1](#): Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If  $f$  is a function and  $x$  is an element of its domain, then  $f(x)$  denotes the output of  $f$  corresponding to the input  $x$ . The graph of  $f$  is the graph of the equation  $y = f(x)$ .
- [CCSS.Math.Content.HSA.SSE.B.3.a](#): Factor a quadratic expression to reveal the zeros of the function it defines.
- [CCSS.Math.Content.HSF.IF.C.7](#): Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases.

PREVIEW

