



Equivalent Forms of Functions

Today's Standard

HSF.IF.C8 - Write a function defined by an expression in different but equivalent forms to reveal and explain different properties of the function.

Cues	Notes
Key Terms	Functions can be written in different but equivalent forms.
Equivalent Forms	Equivalent forms reveal different properties of the same function.
Function Properties	Graphing helps visualize the equivalence of different forms.
Graphing Functions	Key properties like roots and asymptotes remain unchanged.
Common Misconceptions	Common misconceptions include thinking different forms represent different functions.

Summary

Understanding that functions can be expressed in equivalent forms helps reveal different properties, aiding in deeper analysis and problem-solving.