

Determining the Inverse of a Quadratic Function

Example

Given the quadratic function $f(x) = -3(x + 7)^2 + 8$

- Graph $f(x)$ and its inverse
- Determine whether the inverse of $f(x)$ is also a function
- Determine the equation of the inverse
- State the domain and range of $f(x)$ and the inverse relation

