Definition of Inverse Relations (p. 126):

Example: Graph \( f(x) = x^3 \) and its inverse.

First, make a table for \( f(x) \). Then make a table for its inverse by switching the x and y values.

Then graph both functions. Note that they are reflected across the line \( y = x \).
Inverse Functions and Relations
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Other times, you will be asked to find the inverse. We talked about this in chapter 1. However, you need to take extra caution when finding the inverse of even functions.

Example: Find the inverse of \( f(x) = x^2 + 2 \). Then graph both the function and its inverse.